

20011119.qrp v02_n378.qrl.20011119

Date: Mon, 19 Nov 2001 19:03:05 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2378

QRP-L Digest 2378

Topics covered in this issue include:

- 1) [112123] Re: IRF510 vs. IRF511??
by paul <ptay1253@yahoo.com>
- 2) [112124] Bone conduction headsets
by ARDUJENSKI@aol.com
- 3) [112125] hearing problems for amateur radio ops
by Bruce Ratray <rattray@gpfn.sk.ca>
- 4) [112126] Announcing the 3rd Annual QRP Contest Calendar for 2002
by "Ron Polityka" <wb3aal@fast.net>
- 5) [112127] FG5HM on 14.013.7 at 01:18
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 6) [112128] TT-2
by Pete Burbank <plburbank@kih.net>
- 7) [112129] FOX NØRC Log, Final(?)
by "Rod NØRC" <rod@nØrc.com>
- 8) [112130] RE: hearing problems for amateur radio ops
by "Karl Heller" <kheller@stargate.net>
- 9) [112131] No QRP-L & Juno
by wb2vuo@juno.com
- 10) [112132] Items For Sale
by John Meade <jm416@optonline.net>
- 11) [112133] Re: TT-2
by wb0wao@hotmail.com (Dennis Ponsness)
- 12) [112134] RE: TT-2
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 13) [112135] FS: SSB rig Kit, LDG QRP Tuner, Autek QF-1A, etc...
by "Michael Melland" <w9wis@charter.net>
- 14) [112136] Speaking of IRF510s (& the family) POSSIBLE FS
by "Rod NØRC" <rod@nØrc.com>
- 15) [112137] Thanks to you All!
by "Karl F. Larsen" <k5di@zianet.com>
- 16) [112138] Tuna Tin II -- a few mods
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 17) [112139] Re: QRP in SS from KL7Y
by "N8IE" <n8ie@woh.rr.com>
- 18) [112140] Preliminary SS (SSB) Results -- K9IUA QRP
by Kevin L Anderson <k9iua@juno.com>
- 19) [112141] N8IE SS Summery

- by "N8IE" <n8ie@woh.rr.com>
- 20) [112142] Tuna-Tin 2 Fun
by K5KW@aol.com
- 21) [112143] Re: TT-2
by "James R. Duffey" <jamesd1@flash.net>
- 22) [112144] LDG and SSB Kit are SOLD... QF-1A isn't yet
by "Michael Melland" <w9wis@charter.net>
- 23) [112145] Re: Speaking of IRF510s (& the family) POSSIBLE FS
by "Rod N0RC" <rod@n0rc.com>
- 24) [112146] Re: No More Scouts
by "Bill Greene" <remfusarv67@stanlyonline.com>
- 25) [112147] Re: Warbler Woes
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 26) [112148] Re: A tunable tuna? VFO for the TT2/80 (Extra Long)
by Bruce Muscolino <w6toy@erols.com>
- 27) [112149] Re: Solder Hazards
by Bruce Muscolino <w6toy@erols.com>
- 28) [112150] Re: Guys and Jo SSTV_PLUS PROGRESS REPORT
by John Zaruba Jr <jzaruba@snip.net>
- 29) [112151] Re: No More Scouts?Ten-Tec making mistake
by "bam yb0ko/1 SOETRISNO" <unclebam@indosat.net.id>
- 30) [112152] Re: TT-2
by "Mike Malone" <mmalone@worldlogon.com>
- 31) [112153] Re: TT-2
by "Mike Malone" <mmalone@worldlogon.com>
- 32) [112154] Re: Leonid meteors over NM
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
- 33) [112155] Re: Leonid meteors over NM
by "Dave Benham" <dodgeboy@mindspring.com>
- 34) [112156] Re: Tiny-Tornado Kit Update
by "Brice D. Hornback" <bdh@cyberbound.net>
- 35) [112157] TT-2
by Pete Burbank <plburbank@kih.net>
- 36) [112158] My not getting e-mail from the reflector
by Mark Fields <mark_ke5my@juno.com>
- 37) [112159] Need info on MFJ 407B
by Niels <nkristja@cadvision.com>
- 38) [112160] EZWires and EZPlots for use with EZNEC
by Dan Maguire <BethDan@pacbell.net>
- 39) [112161] K20 Keyboard Keyer On the Air
by Jack WsixABC <w6abc@yahoo.com>
- 40) [112162] TT-2 Mods de W1FB's QRP Books
by "Chuck Carpenter" <w5usj@globeco.net>
- 41) [112163] Re:Leonid meteors over NM; VLF/Audio
by N0BN@aol.com
- 42) [112164] WB0WAO SS Summary
by wb0wao@hotmail.com (Dennis Ponsness)
- 43) [112165] K1 Accessory Kits

by "William K. Harding" <k4ahk@ix.netcom.com>
44) [112166] the V
by "carl seyersdahl" <carlseye@tampabay.rr.com>
45) [112167] Re: TT-2
by "Mark J. Dulcey" <mark@buttery.org>
46) [112168] Hello??
by G Brandon Hoyt <preacher102677@juno.com>
47) [112169] Mother boards for psk31
by Wayne Williams <aa5jj@yahoo.com>
48) [112170] TT-2 & Pop-Top Containers
by "Chuck Carpenter" <w5usj@globeco.net>
49) [112171] DX: TL8
by "Dave Benson" <nn1g@earthlink.net>
50) [112172] Re: Hello??
by DK3RED@t-online.de (Ingo, DK3RED)
51) [112173] SS Report K0FRP
by "Al Dawkins" <alk0frp@home.com>
52) [112174] filter design?
by David Hinerman <WD8CIV@worldnet.att.net>
53) [112175] Calling all Puppies!
by "Michael C. Boatright" <ko4wx@mindspring.com>
54) [112176] Re: filter design?
by DK3RED@t-online.de (Ingo, DK3RED)
55) [112177] Re: filter design?
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
56) [112178] RE: DXCC-QRP
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
57) [112179] RE: TT-2
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
58) [112180] Re: TT-2
by "Rod N0RC" <rod@n0rc.com>
59) [112181] Juno troubles?, quick fix idea
by Rod =?ISO-8859-1?Q?"N=D8RC"?= <n0rc@yahoo.com>
60) [112182] ATTEN SYS ADMIN>>>
by G Brandon Hoyt <preacher102677@juno.com>
61) [112183] RCA Impedance Bump
by ARDUJENSKI@aol.com
62) [112184] Re: FOX N0RC Log, Final(?)
by "Rod N0RC" <rod@n0rc.com>
63) [112185] Re: RCA Impedance Bump
by "Chuck Carpenter" <w5usj@globeco.net>
64) [112186] TT-2 cans
by Pete Burbank <plburbank@kih.net>
65) [112187] Re: RCA Impedance Bump
by "George, W5YR" <w5yr@att.net>
66) [112188] Re: filter design?
by n2cx@voicenet.com
67) [112189] New QRPp beacon

by DK3RED@t-online.de (Ingo, DK3RED)

68) [112190] Re: nwq-1: RCA Impedance Bump
by Stan Yarema <bg783@scn.org>

69) [112191] RE: Hello.....anybody there?
by "Andreas Junge - ATT" <ajunge1@home.com>

70) [112192] Re: TT-2
by brian@iquest.net

71) [112193] Thanks! (was: Leonid meteors over NM)
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>

72) [112194] Re: Info needed on converting parts markings
by Bill Coleman <aa4lr@arrl.net>

73) [112195] Re: filter design?
by cherry@getnet.net

74) [112196] Re: nwq-1: RCA Impedance Bump
by Bob Nielsen <nielsen@oz.net>

75) [112197] Re: Info needed on converting parts markings
by "George, W5YR" <w5yr@att.net>

76) [112198] Re: FOX N0RC Log, Final(?)
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>

77) [112199] Re: Juno troubles?, quick fix idea
by Jim Lowman <jmlowman@directvinternet.com>

78) [112200] Re: ATTEN SYS ADMIN>>>
by Bruce Muscolino <w6toy@erols.com>

79) [112201] Juno and QRP-L (RE: Hello.....)
by "Kevin Anderson" <k9iua@juno.com>

80) [112202] Re: RCA Impedance Bump
by Bruce Muscolino <w6toy@erols.com>

81) [112203] Re: Juno troubles?, quick fix idea
by "George, W5YR" <w5yr@att.net>

82) [112204] Re: RCA Impedance Bump
by "Karl F. Larsen" <k5di@zianet.com>

83) [112205] Re: RCA Impedance Bump
by "Ed Manuel (N5EM)" <n5em@flash.net>

84) [112206] Re: filter design?
by "Leon Heller" <leon_heller@hotmail.com>

85) [112207] FOX; Final log N0UR
by "Jim N0UR" <n0ur@mediaone.net>

86) [112208] FT: warchbler 30m conversion kit
by "Craig A. Ferris" <cferris@aeronix.com>

87) [112209] mobile antennas
by "Tim A. King Jr." <iflyos@hotmail.com>

88) [112210] RE: filter design?
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>

89) [112211] Re: filter design?
by "Leon Heller" <leon_heller@hotmail.com>

90) [112212] Re: mobile antennas
by "Mike Yetsko" <myetsko@insydesw.com>

91) [112213] Re: Filter design

by <jfox6@houston.rr.com>
92) [112214] RE: Chile E-mail: remacph@entelchile.net QTH: S.
by "Mugleston, Brad" <brad.mugleston@gwl.com>
93) [112215] Re: mobile antennas
by Stephan Greene <sgreene@patriot.net>
94) [112216] F6AUS/HI9 on 28.017.8 at 21:07
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
95) [112217] HC8N - 28.006 @ 2141Z
by David Gauding <david.gauding@bbs.galilei.com>
96) [112218] Re: mobile antennas
by Bruce Muscolino <w6toy@erols.com>
97) [112219] DX?
by "Karl F. Larsen" <k5di@zianet.com>
98) [112220] Re: mobile antennas
by Bruce Muscolino <w6toy@erols.com>
99) [112221] Elecraft EC1 design contest
by Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
100) [112222] Elecraft EC1 design contest
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
101) [112223] My ears
by "Karl F. Larsen" <k5di@zianet.com>
102) [112224] Re: mobile antennas
by Larry Cahoon <lejek@erols.com>
103) [112225] Sorry about the double post!
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
104) [112226] Another Great 6M day!
by W2AGN <w2agn@pobox.com>
105) [112227] Unsubscribe/Subscribe???
by Gregory R Breeden <al0a@juno.com>
106) [112228] Re: IRF510 vs. IRF511??
by Bob Kellogg <ae4ic@nr.infi.net>
107) [112229] Coax connector soldering method - Long
by "Dan Wanchic" <wa8vzq@cloudnet.com>
108) [112230] Re: Unsubscribe/Subscribe???
by Rod =?ISO-8859-1?Q?"N=D8RC"?= <n0rc@yahoo.com>
109) [112231] Coax connector soldering method - Long
by "Dan Wanchic" <wa8vzq@cloudnet.com>
110) [112232] FS 2 Variable Caps
by "Rod N0RC" <rod@n0rc.com>
111) [112233] VP5 and WA3WSJ and a K2!
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
112) [112234] Re: Coax connector soldering method - Long
by "DeniGm3skn" <deni@gm3skn.fsnet.co.uk>
113) [112235] Portable QRP Rig
by "Ham" <KD5NWA@mbayona.com>
114) [112236] Major QRP Dxpedition to Jamaica for CQWW CW
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
115) [112237] DX

by Larry Cahoon <lejek@erols.com>
116) [112238] Re: Chile E-mail: remacph@entelchile.net QTH: S.
by "George, W5YR" <w5yr@att.net>
117) [112239] Re: My ears
by Bob Nielsen <nielsen@oz.net>
118) [112240] RE: Chile E-mail: remacph@entelchile.net QTH: S.
by "Mugleston, Brad" <brad.mugleston@gwl.com>
119) [112241] Re: My ears
by "N7SG K7FD" <k7fd@hotmail.com>

Date: Sun, 18 Nov 2001 16:22:05 -0800 (PST)
From: paul <ptay1253@yahoo.com>
To: na5n@rt66.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [112123] Re: IRF510 vs. IRF511??
Message-ID: <20011119002205.84565.qmail@web14308.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have had problem with these devices from radio shack
and ordered the irf530 from mouser and used it in a
deboucer circuit. The parts from mouser work. The
radio shack parts did not. Radio shack is backing away
from the parts business and with mouser it is their
business. I am saddened at radio shack not having
parts and then some not working. Mouser takes a week
and shipping is not cheap. It aint a poifect world.
paul wb2gin/qrp

Do You Yahoo!?
Find the one for you at Yahoo! Personals
<http://personals.yahoo.com>

Date: Sun, 18 Nov 2001 19:35:16 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [112124] Bone conduction headsets
Message-ID: <124.7a4a801.2929adc4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

This might be a solution for some with hearing impairment:

http://www.opentech.co.kr/english/product/product_headset.html

<http://www.hearinginnovations.com/>

<http://www.rahq.com/tactical.htm>

73s--

Alan KB7MBI in Woodinville, WA
FISTS 5702

Date: Sun, 18 Nov 2001 18:53:34 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: <ARDUJENSKI@aol.com>
Cc: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [112125] hearing problems for amateur radio ops
Message-ID: <Pine.LNX.4.33.0111181848110.9347-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ladies & gentlemen....I've been quite interested in the latest thread re hearing problems that's on the reflector right now....I have often thought about this problem as I use two hearing aids and have wondered what my hearing will do in the years ahead...with this thought in mind, I am going to add some pages to my web site about this subject with an emphasis on ham operators....I will post when things are basically up and running...of course I would appreciate any info on this....thank you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 18 Nov 2001 20:04:24 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [112126] Announcing the 3rd Annual QRP Contest Calendar for 2002
Message-ID: <017101c17096\$21c2bba0\$dbaa5cd1@wb3aal>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Eastern PA QRP Club would like to announce the release of the 3rd Annual QRP Contest Calendar for 2002. This color picture calendar will have the Appalachian Trail theme.

The calendar will list all QRP contests and contests with QRP categories. It will be a fold out style that you can hang on your wall next to your rig. There will be a Web sites and Contest Manager listings.

The calendar will be ready for mailing for the Christmas season. We expect to be mailing it out around the end of November or 1st week in December. Order yours now because quantities are limit.

The cost will be \$13.50 for US and \$15.50 for DX. This will include the shipping cost.

For more information please check www.n3epa.org .

72 & 73
Good DXing

Ron Polityka
n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

Date: Sun, 18 Nov 2001 20:23:01 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "Qrp-L" <qrp-l@lehigh.edu>
Subject: [112127] FG5HM on 14.013.7 at 01:18
Message-ID: <GCECIJFJPOHMCKACOA0BCEDNDBAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The bands must be good. FG5HM on 14.013.7 at 599 in Northern VA.

Got a 569 with 5 watts to my attic dipole.

Good Luck,

Jake -- N4UY

Date: Sun, 18 Nov 2001 20:21:43 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [112128] TT-2
Message-ID: <5.0.2.1.0.20011118194701.00aa7ec0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Well I ate a can of tuna and ordered 2 kits from Jay...one for my son. Also looked over the original article (May '76) and the update by Ed Hare (Mar 2000) in QST. What is the best can to build one of these in??? Most tuna cans look like it would be a pretty tough job to remove the bottom. Any suggestions??
73 to All
Pete NV4V Ky

Date: Sun, 18 Nov 2001 18:13:28 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [112129] FOX N0RC Log, Final(?)
Message-ID: <004901c17097\$660d6110\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is a "Final Release Candidate" of my Fox log.

Dups removed and all corrections made (I hope ;-).

15-Nov-2001 40m Foxhunt

Time	Call	RSTr	Exchg (SPC NAME PWR)
0200	N1FN	559	CO ET 5W
0202	N0TU	559	CO STEVE 5W
0205	W5TB	559	TX DOC 5W
0207	NQ7X	559	AZ FLOYD 5W
0208	K0FRP	599	CO AL 5W
0208	K0EVZ	579	ND DOC 2W
0209	N2WW	559	CO LARRY 5W
0210	K5JHP	559	TX BILL 5W
0211	W7ILW	559	AZ WALT 5W
0213	N4ROA	559	VA DAN 5W
0214	N0AR	559	MN SCOTT 5W
0214	W9HL	559	IL RANDY 5W
0216	KD5KXF	559	TX MIKE 5W
0218	W0UFO	559	MN MERT 5W
0219	AC5JH	559	OK TOM 5W
0221	N7TX	559	TX STEVE 5W
0225	KQ5U	559	TX TERRY 5W
0227	N9IJ	559	IL LEN 5W
0229	AA50	559	LA VERN 5W
0230	N0DSP	599	CO TOM 5W
0231	KK5LD	599	TX JIM 5W
0232	K5ZTY	559	TX BILL 5W
0235	VE5RC	559	SK BRUCE 5W
0236	K3PH	559	PA BOB 5W
0237	W8UJW	559	MI JOHN 5W
0239	KG6CYN	579	CA TREV 5W
0239	VE6JAZ	579	AB BOB 5W
0240	W5YR	559	TX GEORGE 5W
0242	K9DC	559	IN DAVE 5W
0244	VE6EX	559	AB DAN 5W
0245	N6WG	559	CA BOB 5W
0246	K6VNX	559	CA ARLEN 5W
0248	K5DW	559	TX DON 5W
0249	K5DI	559	NM KARL 5W
0250	W0CH	579	MO DAVE 900mW
0252	K8CV	559	MI WALT 5W
0254	N3BJ	559	VA ALAN 5W
0255	NK6A	559	CA DON 5W
0257	N9XU	559	WI LON 5W
0257	W5YA	579	NM FRED 5W
0259	W5USJ	559	TX CHUCK 5W
0300	K4FB	559	FL PAUL 5W
0301	N1TP	559	FL TOM 5W
0303	VE6KG	579	AB NORM 5W
0306	N9AW	559	WI JERRY 5W
0308	K3IU	559	RI KEN 4W
0309	WA9TZE	559	WI JIM 5W

0309	N4MAP	559	CA SAM 5W
0311	WE9K	599	WI GLENN 5W
0313	K4TJD	539	GA TOM 5W
0315	N8IE	559	OH DAN 5W
0316	K8KFJ	559	WV GARY 5W
0318	VA6RF	559	AB EARL 5W
0319	VE4WI	559	MB CRAIG 5W
0321	NK9G	559	WI RICK 5W
0323	KI0II	559	CO RON 1W
0324	N5OHL	559	OK JIM 5W
0325	K9IS	559	WI STEVE 5W
0326	W0RSP	579	SD ADE 5W
0328	K0PC	559	MN PAT 5W
0329	K00Z	559	IL BRUCE 5W
0330	N5GJQ	559	LA MIKE 5W
0332	K4TJD	559	GA TOM 5W
0333	KB9YIG	559	IN TONY 5W
0334	K4ADI	559	SC FRANK 5W
0335	W8RU	559	MI RON 5W
0339	N5WL	559	OK BART 5W
0341	N0HRL	559	MN KEN 5W
0343	KJOC	559	MO JIM 5W
0343	NRIB	559	LA JIM 5W
0344	AF4LQ	559	KY MIKE 5W
0345	WV9N	559	OH RANDY 5W
0347	WD5CMA	559	LA GLORIA 5W
0349	N7CQR	559	OR DAN 5W
0350	NN5E	559	TX VERN 5W
0351	AF4PS	559	FL MAC 5W
0352	KB7WW	559	OR ART 5W
0356	N9NE	559	MO TODD 5W
0358	VE3FAL	559	ON FRED 5W
0359	N9WW	559	IL JIM 5W
0400	N0RC	559	CO ROD 5W

73, Rod N0RC
Ft Collins, CO

Date: Sun, 18 Nov 2001 20:09:39 -0500
 From: "Karl Heller" <kheller@stargate.net>
 To: <rattray@gpfn.sk.ca>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
 Subject: [112130] RE: hearing problems for amateur radio ops
 Message-ID: <MBBBKGCLDOPDHLJACIMBIELPCBAA.kheller@stargate.net>
 MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've seen several good ideas presented here regarding Karl's problem.

I sincerely hope the loss in hearing is only a temporary result of a cold or minor infection. I had something similar a couple of years ago and by taking some antibiotics, I was back to normal (as normal as any other Postal worker can be).

One suggestion I noticed dealt with using a light source of some sort. While this will work, if you decide to go this route, you'll need to be aware that the limit for visual code is about 15wpm. Navy signalmen, even when using the infrared sources top out around there, so it's not a limitation of the standard white flashers most people are familiar with.

The other problem with light is the ambient light level. Too much, and even the brightest LED's can be difficult to see, almost making it unusable for portable daylight use.

Karl, N3APZ

Date: Sun, 18 Nov 2001 20:28:46 -0500
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [112131] No QRP-L & Juno
Message-ID: <20011118.202846.-499247.1.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi again, Keith here in the Depths of the Great Bergen Swamp

Nope, still no QRP-L. It appears to be only a Lehigh.edu to Juno problem as all of my other lists are making it to Juno just fine.

I tried toggling QRP-L to Digest mode, still no QRP-L. If I have nothing tomorrow, I will try changing my address to the Frontiernet account, but this will eliminate the ability to receive the list on the road.

Right now I am just waiting to see what happens next.

Also, thanks to all that replied directly. Your Emails made it here just fine!

72/73, Wm. Keith Hibbert, WB2VUO, TC/ARRL WNY Section
100% QRP from the Depths of the Great Bergen Swamp
"My night light runs more power than my Rig!"
mailto:wb2vuo@arrl.net

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Date: Sun, 18 Nov 2001 20:27:30 -0500
From: John Meade <jm416@optonline.net>
To: qrp-l@Lehigh.EDU
Subject: [112132] Items For Sale
Message-ID: <000801c1709a\$4e096e80\$06172f18@laptop>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

QRP EQUIPMENT FOR SALE

LDG QRP-Tuner - \$85

I used it at home with a 130-foot center-fed zepp antenna with good results.
I no longer use this since the acquisition of a very nice Johnson Matchbox.

NE4040 - \$70

This is the original version of the SWL40 from Small Wonders Labs. It is in a rugged enclosure and comes with a built-in SWR bridge (from K1KLP - 1995 QST), a 10-turn pot for tuning, a tuning chart (7.000 to 7.065), the manual, the RIT adaptor (not installed), and, as a bonus, another matching enclosure. I will also throw in some of the parts needed for the QRP mini-gallon 5W amplifier described on the NorCal website.

JNC APC-4 Noise Canceling Unit - \$100

I bought this off the list a few months ago when I had power line problems. Since the local power company has fixed their issues, I no longer need this unit. It comes with the manual.

MFJ-751 Audio Filter - \$15

This is a nice looking unit that includes the manual and a set of replacement IC's if it needs repair.

K8FF Nor-Cal Paddle - \$45

I built the kit (\$30) and had the base powder-coated in black (another \$20). There is some intermittency with these paddles but there may be some mods out there to fix this.

MFJ 951 Mini-Paddles - \$12

If you wanted to try this paddle anyway, save some money and buy these. With cable and plug.

Whiterook MK-44 Mini-Paddles - \$12

Ditto.

100-uA Meter - \$5

Perfect for that little resistive bridge you want to build.

Low-Pass Filter - \$10

Made by Tucker Electronics. Will handle 2KW. Like-new condition.

Prices do not include shipping.

72, John W2XS

jm416@optonline.net

Date: Sun, 18 Nov 2001 20:33:46 -0500 (EST)
From: wb0wao@hotmail.com (Dennis Ponsness)
To: plburbank@kih.net
Cc: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)
Subject: [112133] Re: TT-2
Message-ID: <20044-3BF8617A-5545@storefull-264.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

I left the "bottom" in mine and just brought 3 bolts thru it to the pc board. Then put three rubber feet on mine.

Dennis Ponsness - WB0WAO

EN84ij Iosco Cty, Mich.

WAC WAS DXCC VUCC WPX

NJ-QRP #329 QRP-L #2348

FP #-347 SOC#499

Web Page <http://www.qsl.net/wb0wao>

Date: Sun, 18 Nov 2001 20:53:22 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: <plburbank@kih.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [112134] RE: TT-2
Message-ID: <GCECIJFJPOHMCKACOA0BKED0DBAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well Pete, I like Altoids tins <http://pweb.netcom.com/~jakecart/TT2.html> or
the small Ten Tec Enclosures <http://pweb.netcom.com/~jakecart/TT-Amp.htm>

Ten Tec gives a discounted price on their enclosures if you buy one of their
board kits. Buy one kit and order as many enclosures as you want. See
<http://www.tentec.com/tkit.htm#model1552> -- the enclosures are at the bottom
of the page.

73,

Jake -- N4UY

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Pete Burbank
Sent: Sunday, November 18, 2001 8:22 PM
To: Low Power Amateur Radio Discussion
Subject: TT-2

Well I ate a can of tuna and ordered 2 kits from Jay...one for my son. Also
looked over
the original article (May '76) and the update by Ed Hare (Mar 2000) in QST.
What is the best can to build one of these in??? Most tuna cans look like
it would
be a pretty tough job to remove the bottom.
Any suggestions??
73 to All
Pete NV4V Ky

Date: Sun, 18 Nov 2001 20:03:58 -0600
From: "Michael Melland" <w9wis@charter.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
<forsale-swap@qth.net>
Subject: [112135] FS: SSB rig Kit, LDG QRP Tuner, Autek QF-1A, etc...
Message-ID: <002b01c1709e\$74128900\$e877c418@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Original LDG QRP tuner. Excellent cosmetic condition, works great.... but for some reason only on the automatic setting. Suspect a solder bridge to ground somewhere although I never could find it <grin>. Anyway.... it works fine so I never needed to use the manual switch <grin>. \$45 shipped with instruction sheet.

Nice Autek QF-1A. Very nice condition and it works great as long as you have 120 V available. I'm told it can be converted to 12 v but ??? \$35 shipped with instruction sheet.

Dick Smith Electronics K-6330 80 meter SSB transceiver kit circa 1989 +/- . Digital display, includes all parts, boards, and the original case. All parts accounted for but microphone and it includes instruction manual. This kit sold for about \$350 Aus. in the 1980's. I also have conversion data to build it for 20 meters. Bought it to build about 4 yrs ago but never started it.... Elecraft got in the way <grin>. Output is 30 watts PEP SSB, 15 watts CW. 6 or 8 pole crystal filter, stability 100 Hz/.25 hr, Tunes 500 kHz within 2 - 30 MHz, noise blanker, 6dB selectivity at 4 kHz; 60dB at 7 kHz..... \$70 shipped

--
Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrparci # 9875 - iparc #252
ars #1075 - <http://www.qsl.net/w9wis>

Date: Sun, 18 Nov 2001 19:21:24 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [112136] Speaking of IRF510s (& the family) POSSIBLE FS
Message-ID: <007b01c170a0\$e3949b90\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I have 5 IRF540s. They appear to be a higher current version of the IRF510.

If anybody wants to experiment they're available for \$2 each mailed CONUS. Buy all five for \$5 mailed CONUS.

datasheet at:

<http://www.irf.com/product-info/datasheets/data/irf540n.pdf>

I also have 9 IRF9530s, a P-channel Power MOSFET. Same deal \$2 each mailed CONUS.

datasheet at:

<http://www.irf.com/product-info/datasheets/data/irf9530n.pdf>

73, Rod NØRC
Ft Collins, CO

Date: Sun, 18 Nov 2001 19:26:08 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [112137] Thanks to you All!
Message-ID: <Pine.LNX.4.33.0111181925330.2958-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I got a lot of e-mail from you guys wishing me well and some real good ideas if my hearing fades away. I think you for your good thoughts and I will keep the list aware of any cures that show up, I hope.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sun, 18 Nov 2001 21:19:21 -0500

From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Subject: [112138] Tuna Tin II -- a few mods
Message-ID: <GCECIJFJPOHMCKACOA0BGEDPDBAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been messing around with Tuna Tins for a while. With the current interest in them I thought I post a few of my web pages with TT mods.

For a chirp fix/keyer mod check out
<http://pweb.netcom.com/~jakecart/TT2.html>

For a power boost try <http://pweb.netcom.com/~jakecart/TT-Amp.htm> (I need to add some more info to this one). My amp is 6 PN2222's in parallel -- an idea from Doug DeMaw's Dec79 "Transmitter Fundamentals" article.

For a switched cap VX0 try <http://sites.netscape.net/jakeycarter/ttvxo>

Tuna Tin's are lots of fun -- mine's on the air almost everyday around 7.040 to 7.041.5 -- hope to see you all there.

Jake -- N4UY

Date: Sun, 18 Nov 2001 21:14:42 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [112139] Re: QRP in SS from KL7Y
Message-ID: <008d01c1709f\$f66f8820\$0400a8c0@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim,
I worked him, and what an operator he was. We were both QRP and weak signals.

Helped me get my second QRP/SSB sweep!

72, oo
Dan, N8IE

----- Original Message -----

From: "Jim Larsen AL7FS" <AL7FS@ARRL.NET>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, November 18, 2001 2:57 AM

Subject: Fwd: QRP in SS from KL7Y

> Greetings from Alaska,

>

> I thought this might be interesting to some of you. This is from KL7Y
> telling me that WA2GO is using his big station north of Anchorage in SS
> phone at 5 watts. If you worked KL7Y this weekend in SS you have a QRP
> QSO. Fun.

>

> Dan, KL7Y, has been a great supporter of us on QRP even though he
> prefers higher power for most of his own work.

>

> 73, Jim, AL7FS

>

> ----- Original Message -----

> Subject: QRP in SS

> Date: Sun, 18 Nov 2001 05:34:58 +0000

> From: Dan Robbins KL7Y

> To: Jim Larsen AL7FS <AL7FS@ARRL.NET>

>

> WA2GO is up here operating the SS phone contest - running 5W in QRP
> class using my call. The 4 stack on 10 really helped him out, he's
> already worked 422 on that band. 15 did OK, too. QRP on 40 is quite a
> bit tougher - he has only 2 QSOs on that band. Anyway, he's already
> over 600 Qs total, which is pretty good. If he can keep pounding on 10
> and 15 tomorrow he might just do real well. Of course he was doing real
> well in the CW part as a low-power entry until the aurora hit on
> Sunday. Oh well. Last year's QRP winner had 879 QSOs and 80 sections,
> but I doubt if WA2GO will get all 80, it's pretty tough from up here
> without a KW. Thought you might be interested in the QRP effort.

>

> Dan KL7Y

>

Date: Mon, 19 Nov 2001 02:22:46 +0000

From: Kevin L Anderson <k9iua@juno.com>

To: qrp-1@lehigh.edu

Subject: [112140] Preliminary SS (SSB) Results -- K9IUA QRP

Message-ID: <20011119.022249.11766.0.K9IUA@juno.com>

QRP-L Contest Operators:

Here are the early results from K9IUA in Iowa
from 15 hours of operation:

275 QSOs (all but 2 S&P)
72 sections (Got PAC, MAR, PR, and VI, but missed
SC, SF, AK, WV, SD, NL, AB, and NWT)
= 39,600 points

Band breakdown: 40m=47 (17%), 20m=87 (31%)
15m=74 (26%), 10m=67 (24%)

I had the same terrible antenna as I did for the CW
sweepstakes -- a 55 ft dipole fed by 300-ohm TV
twinlead up only 15 to 20 ft.

I had fun, but family needs ultimately called.

Cheers/73. Kevin, K9IUA, QRP in Iowa

* * * * *
Kevin Anderson, K9IUA, Dubuque, Iowa
e-mail: K9IUA@juno.com Opinions all my own.
* * * * *

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Date: Sun, 18 Nov 2001 21:35:17 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>, "FPQRP-1" <fpqrp-1@mpna.com>
Subject: [112141] N8IE SS Summery
Message-ID: <021201c170a2\$d65397e0\$0400a8c0@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is a breakdown for N8IE
Q N8IE 92 OH
23 hours
413 Q's, 80 sections = 66,080 points.

I'll have to make a band chart later.

Second Sweep in the SSB showing in two years! Gotta get me a mug.
Thanks to Daryl, K8FP for helping me build and install a new full size G5RV
before the SS. It was the cat's meow on 40 and 80.

I'm going to bed now, ZZZZZZZZZzzzzzzzzzzzz

72, oo
Dan, N8IE

Date: Sun, 18 Nov 2001 21:52:20 EST
From: K5KW@aol.com
To: qrp-l@lehigh.edu
Subject: [112142] Tuna-Tin 2 Fun
Message-ID: <137.4d0a9e4.2929cde4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'd like to stand up and testify that Dr. Megacycle was absolutely right when
he included in his posting today about the TT2 Kit:

<< snip >>

Help Santa put one of these in your favorite ham's stocking.

<<snip >>

It truly can be the spark that interests another ham in QRP. Three years ago
I decided to give my grown son, (then K2PBJ), a TT2 kit for Christmas. I went
the extra mile, and included a pre-drilled empty tuna tin along with hookup
wire, switches, jacks, and a set of completed coax cables to interface with
his QRO station.

He had listened politely over the last few years as I extolled the virtues of
QRP and the *fun* to be had, but the spark never caught. Moreover, he had
never built a radio kit of any kind before.

I'm sure he felt a little pressure to build the kit and to put it on the air.
The e-mails soon started coming..as each new QRP contact was made with
milliwatts instead of kilowatts. He wouldn't settle for less than a contact
with me while he used his TT2. He has since built a K2 that works perfectly,
and the regular weekly CW skeds that we have held for the last 15 years or so
are now exclusively QRP.

All as a result of a gifted TT2.

72,

Don, K5KW

In old Fort Gibson, oldest town in Oklahoma with a national cemetery that is the final resting place of more than 15,000 American patriots.

Date: Sun, 18 Nov 2001 19:49:40 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [112143] Re: TT-2
Message-ID: <B81DC152.F0E0%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Pete - Just remove the top like you would normally. Then punch or drill (a Unibit works fine) the holes for the connectors and switch. You can leave the bottom in. Be sure to remove a bit of the coating before mounting the connectors or you may get a bit of chirp.

If you get the tuna salad kit, you can use the plastic bowl as a cover for your Tuna Tin 2. Looks pretty cool.

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 18 Nov 2001 20:57:51 -0600
From: "Michael Melland" <w9wis@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
<forsale-swap@qth.net>
Subject: [112144] LDG and SSB Kit are SOLD... QF-1A isn't yet
Message-ID: <009101c170a5\$fafa31a0\$e877c418@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for ALL the inquiries ! The LDG tuner and Dick Smith SSB transceiver kit are spoken for. Still have the Autek QF-1A audio filter.

Mike

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrparci # 9875 - iparc #252
ars #1075 - <http://www.qsl.net/w9wis>

Date: Sun, 18 Nov 2001 20:01:59 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [112145] Re: Speaking of IRF510s (& the family) POSSIBLE FS
Message-ID: <002401c170a6\$8e6acad0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All items are spoken for.

R.

----- Original Message -----
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, November 18, 2001 7:21 PM
Subject: Speaking of IRF510s (& the family) POSSIBLE FS

> Folks,
>
> I have 5 IRF540s. They appear to be a higher current version of the
> IRF510.
>
> If anybody wants to experiment they're available for \$2 each mailed
> CONUS. Buy all five for \$5 mailed CONUS.
>
> datasheet at:
> <http://www.irf.com/product-info/datasheets/data/irf540n.pdf>
>
> I also have 9 IRF9530s, a P-channel Power MOSFET. Same deal \$2 each
> mailed CONUS.
>
> datasheet at:
> <http://www.irf.com/product-info/datasheets/data/irf9530n.pdf>

>
> 73, Rod NØRC
> Ft Collins, CO
>
>

Date: Sun, 18 Nov 2001 22:07:50 -0500
From: "Bill Greene" <remfusarv67@stanlyonline.com>
To: qrp-l@Lehigh.EDU
Subject: [112146] Re: No More Scouts
Message-ID: <3BF83136.627.14DEA4C@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Ten Tec web site is

www.tentec.com/amateur.htm

Good luck

KD4ZTI/AG
Later,
Bill
remfusarv67@stanlyonline.com

Date: Sun, 18 Nov 2001 22:08:47 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [112147] Re: Warbler Woes
Message-ID: <5.0.2.1.2.20011118215149.01bc0e30@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks to all for the private suggestions. Most amusing was the suggestion to use a QRO computer!

Anyway, I picked up an "Audio & Telecom Transformer" at RadioShack.com this afternoon. R\$.com part number 90-2722, Tamura part no. TTC-170. Specifications are primary impedance: 600 Ohms; secondary impedance: 600 Ohms; Insertion loss 1.7 dB @0dBm & 1kHz; frequency response, +/- 0.7dB 0.3 - 3.5 kHz. I did try the standard Radio Shack 1:1 "Audio Isolation Transformer," part number 273-1374. It worked OK, but the Tamura seemed to

SOUND just a tad better (note that I'm clueless as to what the DSP "hears" vs. my ear). I'm sure that either part would work successfully.

I removed J1 from the board and noticed that the primary fit very nicely into the two holes vacated by the tip connection and the ground connection of the jack. The other hole for J1 is NC--not connected to anything. So I just marked where a fourth hole should go, drilled a small PCB hole, and used my Dremmel tool (how did we ever get along without it in the past???) to cut out an isolated pad around the hole from the PCB ground. This allowed me to solder the xfmr to the PCB and have the secondary lines completely isolated from the board ground. Finally, I double-sticky taped the J1 upside down under J2 and ran short wires (discarded component leads) to the secondary of the xfmr.

I'm only getting 1.5 Watts out at 13.6V, and yes, C10 is already 330pF. Power falls off pretty sharply below 3580.

But seems to be working like a champ. Got a nice 59 signal report (how do you tell in Digipan?) from Jay, W4PVN, in Tampa--his first PSK31 contact on 80M! So maybe I ought not to tinker any more with it. 1.5 watts into my 80M loop seems to be working FB!

72 de Mike, K04WX..
Michael C. Boatright

Date: Sun, 18 Nov 2001 22:21:23 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: nkennedy@tcainternet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [112148] Re: A tunable tuna? VFO for the TT2/80 (Extra Long)
Message-ID: <3BF87AB3.638DDD2C@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

But, Nick the TT2 does have a VFO designed for it. It appeared im QST. It was designed by Jay Rusgrove. Ir. is known as the CB SLIDER. The Chopped Beef Slider! In fact I updated the design for Doug Henricks, and details can be found on the NorCal web site! The design is stable, if you follow the instructions carefully! I even answer questions about the design and how it was updated! It is tuned with a slide type variable resistor.

73

Date: Sun, 18 Nov 2001 22:47:52 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: mcintosh@triad.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [112149] Re: Solder Hazards
Message-ID: <3BF880E8.7B525CE9@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well now, solder fumes can indeed be dangerous to your health! In industry, back when we still had hand solder lines, we were forced by CAL OSHA to require all solder operators to wear surgical masks. I had to replace one assembler on a field team because she was allergic to solder fumes! I wouldn't worry if you only solder an hour or so each day. Just make sure the work area is well ventilated. But, if you must solder in an industrial setting, be careful!

73

Date: Sun, 18 Nov 2001 22:53:45 -0500
From: John Zaruba Jr <jzaruba@snip.net>
To: hamjoel@juno.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [112150] Re: Guys and Jo SSTV_PLUS PROGRESS REPORT
Message-ID: <07E011E6-DCA1-11D5-9689-003065C74F1A@snip.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v475)
Content-Transfer-Encoding: 7bit

Hey Joel,

How 'bout a URL to find the software?

73,

John AA2BN

Date: Mon, 19 Nov 2001 08:38:23 +0700

From: "bam yb0ko/1 SOETRISNO" <unclebam@indosat.net.id>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [112151] Re: No More Scouts?Ten-Tec making mistake
Message-ID: <005701c170af\$d7cb57e0\$92429bca@kutuimut>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: bam yb0ko/1 SOETRISNO <unclebam@indosat.net.id>
To: Low Power Amateur Radio Discussion <>
Sent: Sunday, November 18, 2001 5:05 PM
Subject: Re: No More Scouts?Ten-Tec making mistake

hi folks,

TNX to everybody who lead me to <http://www.tentec.com/>
BTW, a typo in my earlier posting :

.... i have a Scout 555 in my shelf (purchased back in 1974),

the year should read 1994, and i believe mine is the first of only
2 Scouts sold to yb-land

72/73 de bam yb0ko/1
OI 33 oi, bogor 16136
6 38 04 S, 106 48 16 E
ts120v @ 8W, n4pc skywire @ 11 mtr

Date: Mon, 19 Nov 2001 10:33:34 -0600
From: "Mike Malone" <mmalone@worldlogon.com>
To: <plburbank@kih.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [112152] Re: TT-2
Message-ID: <002001c17117\$f0c95f40\$04f7a7cc@malonefamily>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Leave the bottom on the can. I used a pineapple can with a pull top and

that left a nice rim to mount the board on. FYI, if you ruff up the surfaces to solder to, you can use the can as your ground just like any other metal chassis.

KD5KXF

-----Original Message-----

From: Pete Burbank <plburbank@kih.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Sunday, November 18, 2001 7:31 PM

Subject: TT-2

>Well I ate a can of tuna and ordered 2 kits from Jay...one for my son. Also
>looked over

>the original article (May '76) and the update by Ed Hare (Mar 2000) in
QST.

>What is the best can to build one of these in??? Most tuna cans look like
>it would

>be a pretty tough job to remove the bottom.

>Any suggestions??

>73 to All

>Pete NV4V Ky

>

Date: Mon, 19 Nov 2001 10:40:33 -0600

From: "Mike Malone" <mmalone@worldlogon.com>

To: <jamesd1@flash.net>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [112153] Re: TT-2

Message-ID: <004901c17118\$ea385a40\$04f7a7cc@malonefamily>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Also, the bottom off a 1 liter size plastic bottle makes a perfect dust cover for em if you build in a pineapple can or a regular tuna can.

-----Original Message-----

From: James R. Duffey <jamesd1@flash.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Sunday, November 18, 2001 9:00 PM

Subject: Re: TT-2

>Pete - Just remove the top like you would normally. Then punch or drill (a

>Unibit works fine) the holes for the connectors and switch. You can leave
>the bottom in. Be sure to remove a bit of the coating before mounting the
>connectors or you may get a bit of chirp.
>
>If you get the tuna salad kit, you can use the plastic bowl as a cover for
>your Tuna Tin 2. Looks pretty cool.
>--
>James R. Duffey KK6MC/5
>30 Casa Loma Road
>Cedar Crest, NM 87008
>

Date: Sun, 18 Nov 2001 20:45:32 -0800 (PST)
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [112154] Re: Leonid meteors over NM
Message-ID: <20011119044532.92616.qmail@web13804.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi Paul and gang,

Any idea if these things can be "heard" via VLF
or whatever as they streak across the sky? The
thought came to mind this morning as I watched
the show here in NH. Given the extremely rapid
ionization of these particles across such a long
path, so high up in the atmosphere, there MUST
be some electrical "sound" generated. If so,
in what part of the RF spectrum?

Thanks es 72/73!
Dale

=====

"There is a very fine line between "hobby" and "mental illness." --Dave Barry

=====

Dale Anderson	In the Mt Washington Valley
KB0VCC	Conway, New Hampshire
QRP-L #91 / CQC #251	Grid Sq: FN43KX

ARS #234 / FISTS #3172 <http://www.qsl.net/kb0vcc>

Do You Yahoo!?

Find the one for you at Yahoo! Personals

<http://personals.yahoo.com>

Date: Sun, 18 Nov 2001 23:56:41 -0500

From: "Dave Benham" <dodgeboy@mindspring.com>

To: <kb0vcc@yahoo.com>

Cc: <qrp-1@lehigh.edu>

Subject: [112155] Re: Leonid meteors over NM

Message-ID: <01a801c170b6\$95858980\$f7d179a5@hqa.chrysler.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 8bit

Dale,

I think they might be heard on radio frequencies that rival audio. Search for "natural radio" -- try <http://www.triax.com/vlfradio/>

I believe the frequencies are 300 Hz to 10 KHz or so. They give these sounds names like "whistlers" and the radio circuit is pretty simple (see <http://www.vlf.it/preOP27/op027a.htm> for an example). I was going to build one but I understand they are useless in the city due to 60 Hz hum.

I don't know if meteorites can be "heard" by these techniques, but I would think so.

Dave K8TRF

----- Original Message -----

From: KB VCC <kb0vcc@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Sunday, November 18, 2001 11:45 PM

Subject: Re: Leonid meteors over NM

>

> Hi Paul and gang,

>

> Any idea if these things can be "heard" via VLF

> or whatever as they streak across the sky? The
> thought came to mind this morning as I watched
> the show here in NH. Given the extremely rapid
> ionization of these particles across such a long
> path, so high up in the atmosphere, there MUST
> be some electrical "sound" generated. If so,
> in what part of the RF spectrum?
>
> Thanks es 72/73!
> Dale
>
>
>
>
>
> =====
> "There is a very fine line between "hobby" and "mental illness." --Dave
Barry
> =====
> Dale Anderson In the Mt Washington Valley
> KB0VCC Conway, New Hampshire
> QRP-L #91 / CQC #251 Grid Sq: FN43KX
> ARS #234 / FISTS #3172 <http://www.qsl.net/kb0vcc>
> =====
>
> -----
> Do You Yahoo!?
> Find the one for you at Yahoo! Personals
> <http://personals.yahoo.com>
>

Date: Mon, 19 Nov 2001 00:08:50 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [112156] Re: Tiny-Tornado Kit Update
Message-ID: <01dd01c170b8\$46e83140\$7001a8c0@lwinc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello everyone. Well, I've had a LOT of people asking for more details...
more photos... more description... so... I went ahead and added a new page
to the QRPp-I site that shows the Tiny-Tornado that I've built. Today I
finally decided to mount it into a case. (I'm not going to "mess up" this

one!) So... I mounted it into one of the vented aluminum cases that I was selling with the kits. It measures a tiny 4.25" x 2.25" x 1.25"!

OH... did I forget to mention I mounted a 12V@700mAH NiMH Battery Pack inside the case too? Yep! You MUST see the photos! Total weight INCLUDING the 12V battery pack is only 8.587 oz (243.40g)! Here's how it breaks down:

TT-40 Wired in Case:

3.8885 oz (110.20g)

12V@700mAH NiMH Battery Pack:

4.6985 oz (133.20g)

(Note: it weighs a lot less total with a 9V battery... which is an option. I used a pair of 9V connectors so I can swap out the 12V pack with a 9V battery if I need/want to.)

Anyway... I've added a lot of new photos. Don't forget to click on the photos for the HIGH RESOLUTION version.

There is a link to the "KA8MAV Builds a Tiny-Tornado" page under QRPP-I News here:

<http://www.QRPP-I.com>

PLEASE give me some feedback. Suggestions? Comments? Likes? Dislikes?

Also... there is a photo there that shows my previous version that I've hacked up. Don't pay much attention to that photo... it's UGLY! hi hi

I'll be adding more comments and descriptions to the page in the next few days. The parts WILL arrive via UPS tomorrow so I'll be busy getting the kits ready to ship.

Almost forgot to mention... IF (read "when") I do another batch of these kits... I will ship ANYWHERE in the world! Two of the previous Tiny-Tornado kits are already in Japan. You have to pay a bit more for shipping... but I will ship anywhere.

More soon...

72/73 DE KA8MAV (Brice)

Indianapolis, IN EM79au

QRPP-I #1, QRP ARCI #10972, QRP-L #2360, ARRL

KLQRP, FPQRP -156, ARS #1,138, NETXQRP #27

Instant Messenger ID: ka8mav

QRPP International & Tiny-Tornado Transceiver Kits

<http://www.QRPP-I.com>

----- Original Message -----

From: Brice D. Hornback <bdh@cyberbound.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Sunday, November 18, 2001 1:41 AM

Subject: Tiny-Tornado Kit Update

> Hello everyone... Well, UPS didn't deliver the parts today. Ooops.

Sorry.

> But, they WILL be here on Monday. So... since I didn't receive the parts

> today, I won't be able to ship the kits on Monday.

>

> However... as a little something to make up for it... I've updated the site

> to include NEW photos... NEVER BEFORE SEEN... of the latest version of the
> Tiny-Tornado R2 (TT-40). This is the version that will be shipped to
you.

> I know you'll LOVE it! There will be a couple minor differences in a couple

> parts (mainly because I had to use what I had to build and test this one).

>

> Check out the photos of the latest Tiny-Tornado!

> <http://www.QRPp-I.com>

>

> SO.... what do you all think of it? It's 30mm x 43mm double-sided

> plated-through hole with a ground plane and a mounting hole. :-)

>

> I'd love to hear some feedback on it. Those of you who have expressed an
> interest in my doing another batch of kits... well... okay. BUT.... I
want

> to get all these shipped and a few of them built before I start taking
> orders. If you're not on my list yet... send me an email and let me know
> you want one (or ten)... It's not an order... I'm just looking to see if
> there is enough interest.

>

> Anyway... I'll be updating the site and adding additional photos
throughout

> the weekend.

>

> 72/73 DE KA8MAV (Brice)

> Indianapolis, IN EM79au

> QRPp-I #1, QRP ARCI #10972, QRP-L #2360, ARRL

> KLQRP, FPQRP -156, ARS #1,138, NETXQRP #27

> Instant Messenger ID: ka8mav

>

Date: Mon, 19 Nov 2001 00:14:01 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [112157] TT-2
Message-ID: <5.0.2.1.0.20011118235931.00ac5d70@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks for all the responses from many of you kind people. Some were instructive and some were lots of fun!
That is why I like this list.--)
Keep it cooking !
73 to All
Pete NV4V Ky

Date: Sun, 18 Nov 2001 23:17:02 -0600
From: Mark Fields <mark_ke5my@juno.com>
To: qrp-l@lehigh.edu
Subject: [112158] My not getting e-mail from the reflector
Message-ID: <20011119.001814.-175101.2.mark_ke5my@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My thanks to all of you who replied to my "Hello...is anyone there?" message. It may be problems with Juno, or maybe it's something else. I just hope that I get all of my back e-mail very soon.

73, Mark, KE5MY, and (definitely) still QRP-L # 2365

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<http://dl.www.juno.com/get/web/>.

Date: Sun, 18 Nov 2001 23:47:01 -0700
From: Niels <nkristja@cadvision.com>
To: qrp-l@Lehigh.EDU
Subject: [112159] Need info on MFJ 407B

Message-ID: <1.5.4.16.20011118235025.3fafa220@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

I need a manual for the MFJ 407B keyer
and was wondering if anyone could scan
it or make me a photocopy. Cost of copy
and postage covered of course.

72 de Niels
VE6NJK
Calgary, AB
CANADA

Date: Sun, 18 Nov 2001 22:54:24 -0800
From: Dan Maguire <BethDan@pacbell.net>
To: qrp-l@lehigh.edu
Subject: [112160] EZWires and EZPlots for use with EZNEC
Message-ID: <3BF8ACA0.3EF0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

EZWires and EZPlots are two Excel spreadsheet programs that are designed
to extend the capabilities of the EZNEC Version 3 antenna modeling
package.

EZWires helps on the "input side" by letting you do
"Modeling-by-Equation" with EZNEC. You can define the wires of your
antenna model using a pair of enhanced spreadsheets and then pass the
wire set over to EZNEC to complete the simulation. The program comes
with several samples, including quads, a delta loop, an octagon helix,
and templates that may be used to quickly build 40 of the ARRL Optimized
Yagis.

EZPlots helps on the "output side" of EZNEC by offering a convenient way
to plot many of the data items that can be produced with an EZNEC
frequency sweep. EZNEC itself can plot SWR versus frequency and can
show far field trace overlays for different frequencies. With EZPlots

you can see additional items such as source R and X versus frequency or Forward Gain and Front/Back Ratio versus frequency. You can "take a snapshot" of any plotted line to allow easy A/B comparisons between modified versions of the same model or even between two completely different antennas.

More information and a zip file for download may be found at
<http://www.qsl.net/ac6la/ezwpintro.html>

73,
Dan AC6LA

Date: Mon, 19 Nov 2001 00:18:13 -0800 (PST)
From: Jack WsixABC <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [112161] K20 Keyboard Keyer On the Air
Message-ID: <20011119081813.78721.qmail@web14207.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
Just finished putting together the K1EL K20 Keyer. It went together perfectly and quickly. Only took about an hour to build and package into a RS project box. I powered it with a 9v battery which I also mounted into the project box. It works great. I don't think I'll give up sending CW by hand in favor of a keyboard (it also works with paddles too), but it was fun putting this together as a Sunday Evening project. I haven't even got through all of the things this little kit will do but according to the online guide it does an awful lot for very little money.
Anyway, hope everyone had a great weekend with the Meteor Showers (what a light show!) and great band conditions on the 6 and 2 meter bands, especially. Worked into Phillipines on 6 meters with 5 watts!
73,
Jack W6ABC

=====
Website: <http://home.pacbell.net/friday2k>
QRP-L #2193 SOC#165 K2#1272 K1#37

Do You Yahoo!?
Find the one for you at Yahoo! Personals

<http://personals.yahoo.com>

Date: Mon, 19 Nov 2001 05:13:49 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [112162] TT-2 Mods de W1FB's QRP Books
Message-ID: <3.0.2.32.20011119051349.0081dc40@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

TT-2 Folks,

The QRP Books by W1FB have lots of circuits that can be used with the TT-2s for keying, VXO, power amps, T/R Switching, and receivers. Some of the circuits in the books have PCBs available from FAR Circuits.

Two of the books are available from ARRL and others.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>

Date: Mon, 19 Nov 2001 06:52:31 EST
From: N0BN@aol.com
To: qrp-l@lehigh.edu
Subject: [112163] Re:Leonid meteors over NM; VLF/Audio
Message-ID: <b8.1e967383.292a4c7f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I was up in the San Gabriels of Southern California near Mt. Whitney observatory many years ago and heard a meteor make a whizzing sound as it went through the atmosphere. I was impressed.

Daniel n0bn

Date: Mon, 19 Nov 2001 06:39:06 -0500 (EST)
From: wb0wao@hotmail.com (Dennis Ponsness)

To: qrp-1@Lehigh.EDU, fpqrp-1@mpna.com
Subject: [112164] WB0WAO SS Summary
Message-ID: <1134-3BF8EF5A-568@storefull-261.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Hey Gang,
WOW N8IE did a super job.. way to go fellow piggie!!!!

Here is my stats for # A WB0WAO 77 MI:

80 Sections - 290 Q's 46,400 points

Band	Q's	Sections
160	0	0
80	22	8
40	114	16
20	47	16
15	57	14
10	50	26

Rig: TS-680S Ant: DX-88 Vertical

Cant wait till next year, but need to improve the antennas! Look for me then as

Q WB0WAO 77 MI

72 es oo

Dennis

Date: Mon, 19 Nov 2001 07:46:20 -0500
From: "William K. Harding" <k4ahk@ix.netcom.com>
To: "qrp-1 mail" <qrp-1@lehigh.edu>
Cc: NoVaQRP Group <NoVaQRP@topica.com>
Subject: [112165] K1 Accessory Kits
Message-ID: <E165noB-0004SA-00@hall.mail.mindspring.net>
Mime-version: 1.0
Content-type: text/plain; charset="ISO-8859-1"
Content-transfer-encoding: quoted-printable

The Northern Virginia QRP Group, NoVaQRP, is pleased to announce, with the permission of Elecraft, the availability of two accessory kits for the Elecraft K1 and companion EC1 Enclosure. Ordering information and excellent photos taken by Mike Bower, N4NMR, are shown on the NoVaQRP web site:

<http://www.novaqrp.org>

and follow the link to the kit page.

The first kit consists of a set of black Tilt-Up Feet that raise the front panel about 1-3/4" above the operating table for better viewing angle of the LCD display. This kit will be especially useful for those who did not order the Elecraft KTS1 Tilt Stand. The kit comes complete with installation instructions and mounting hardware and will ship CONUS via priority mail for \$10.00.

The second kit includes the first kit plus a black painted steel Key Plate for mounting magnetic base paddles to the side of the case. Pictures show the Palm paddles. This second kit comes with Tilt-Up feet, Key Plate, hardware and instructions and will ship CONUS via priority mail for \$13.00.

Orders are being accepted now, however, to be sure that we can ship in time for Christmas, please e-mail your kit reservation to me at k4ahk@ix.netcom.com by Saturday, Nov. 24. Shipments will be made - upon receipt of your payment - beginning December 10.

NoVaQRP
Bill Harding - K4AHK
<http://www.novaqrp.org>
k4ahk@ix.netcom.com

Date: Mon, 19 Nov 2001 07:52:49 -0500
From: "carl seyersdahl" <carlseye@tampabay.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [112166] the V
Message-ID: <007301c170f9\$1802f860\$2e211c18@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Maybe I'll get it right this time!!

according to my Norton anti- v the attachment on the message from clifford hill is infected!! warch out for it!!!! (arrl, w1fb's notebook)
carl / kz5ca

Date: Mon, 19 Nov 2001 08:05:10 -0500
From: "Mark J. Dulcey" <mark@buttery.org>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [112167] Re: TT-2
Message-ID: <3BF90386.7040300@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Pete Burbank wrote:

> Well I ate a can of tuna and ordered 2 kits from Jay...one for my son.
> Also looked over
> the original article (May '76) and the update by Ed Hare (Mar 2000) in
> QST.
> What is the best can to build one of these in??? Most tuna cans look
> like it would
> be a pretty tough job to remove the bottom.
> Any suggestions??

It is indeed difficult to remove the bottom from most modern tuna cans; the cans have changed since Doug DeMaw's days. The old cans were three-piece; the top, bottom, and sides were separate, and you could remove both the top and bottom with a can opener. Modern tuna cans are two-piece, with the bottom and sides made from a single formed piece of metal.

It may still be possible to find some specialty brands of tuna in the old-fashioned cans. Try a health-food store, or some place that sells imported tuna. If you find one, you can use the original DeMaw method of removing the bottom and soldering the board to the can.

The most popular method for building the TT2 in a modern can is to drill holes in the TT2 circuit board and the bottom of the can, and support the board with standoffs. That's what I did when I built mine. I couldn't find any threaded standoffs of the right size, so I used long brass screws with standoff "washers" (whatever you call those things) around them.

Date: Mon, 19 Nov 2001 08:35:13 -0500
From: G Brandon Hoyt <preacher102677@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [112168] Hello??
Message-ID: <20011119.083516.-3953219.0.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Have I been unwittingly unsubscribed, as I have received no email from the reflector in three days. I mean sometimes Juno gets a little buggy with delivery, but it's never been this bad for this long.

LIC,
G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."
Photographer, Philosopher, Preacher, Pirate, Poet.
"God didn't promise me the sun wouldn't smite me by day" James D. Vernon
DE KG4GVL Clear.

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 19 Nov 2001 05:51:00 -0800 (PST)
From: Wayne Williams <aa5jj@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [112169] Mother boards for psk31
Message-ID: <20011119135100.3144.qmail@web10506.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello I am looking for a mother board, CPU and case to run psk31, I had the rest to make up a computer so do you have like a 133 mhz or faster mother board laying around, thanks and God bless.
Wayne AA5JJ

reply to aa5jj@yahoo.com

Do You Yahoo!?
Find the one for you at Yahoo! Personals
<http://personals.yahoo.com>

Date: Mon, 19 Nov 2001 07:55:17 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [112170] TT-2 & Pop-Top Containers
Message-ID: <3.0.2.32.20011119075517.0082dd20@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

TT-2 Folks,

For those who don't mind a slight deviation in TT-2 construction, a pop-top type tin is a good alternative. A small-size pineapple tin worked fine for me. When the lid is removed, a narrow *shelf* remains.

A couple of holes to clear #4 self-threading sheetmetal screws were drilled in the edge of the PCB. Next, a metal scribe was used to pierce holes in the metal shelf -- just enough to start the sheet metal screws.

By piercing the holes, you provide a little more surface for the screws to contact making a more secure connection. The piercing technique is used to start the holes for the other connectors in the container too. Use sharp drill and go slowly to enlarge the holes. A tapered reamer is useful too. Also, with a pierced hole, you can make the hole large enough to pass wires through. After piercing to the size you want, flatten the metal on the inside of the tin leaving a smooth edge through the metal.

The pineapple tin is a little taller than a *standard* tuna tin. But that may be a plus. Plenty of room to make the connections underneath.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>

Date: Mon, 19 Nov 2001 08:55:48 -0800
From: "Dave Benson" <nn1g@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [112171] DX: TL8
Message-ID: <000301c1711b\$285fb0a0\$dde5d73f@pavilion>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gang-

TL8DV (Central Africa) calling CQ USA on 28.010- easy catch-

73- Dave, K1SWL

Date: Mon, 19 Nov 2001 15:25:44 +0100
From: DK3RED@t-online.de (Ingo, DK3RED)
To: preacher102677@juno.com, QRP-L <qrp-l@lehigh.edu>
Subject: [112172] Re: Hello??
Message-ID: <3BF91668.F2FDEAD9@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello G Brandon Hoyt,

you are subscribed and here about 50+ mail each day. So I think your problem is not the list but JUNO. A change to a non-free provider will solve your problem. Try it!

P.S. If this mail twice in your mailbox then all is OK. If not ... looking for a new provider.

--
72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de - www.qsl.net/dk3red - www.t-online.de/~dk3red

Date: Mon, 19 Nov 2001 07:32:59 -0700
From: "Al Dawkins" <alk0frp@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [112173] SS Report K0FRP
Message-ID: <018901c17107\$165714c0\$0200a8c0@als>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not as good as CW weekend (782 in 77)
By the way Rich WOHEP got a clean sweep hours before me.
It was very tough to get a run going until late Sunday.
I ran 130 q's for hours 0000 to 0200 Z. on 15/20 m,
65 per hour rate. My rate meter was up to 88/ hr at one point.
80 m 22
40m 40
20m 240
15m 147
10m 116
565 Q's 90,400 points
Clean Sweep 80 mults Last was Maine.(2216Z)
VE2 Quebec was the hardest to work, many calls.
I heard only one.
I had 4 hours to just run and not look for mults.
At last years score it would be 4th in Top Ten along side NOUR but this year
it may not make the Top Ten.

Al K0FRP

Date: Mon, 19 Nov 2001 09:31:22 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [112174] filter design?
Message-ID: <5.1.0.14.1.20011119092340.00a48ec0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

Can anyone point me to cheap (free?) software for designing LC filters? I have a Handbook that has the tables for doing highpass and lowpass filters, but I was wondering if there was a software solution that also does bandpass, bandstop, and other goodies as well.

I tried searching the Web but I get a gazillion (i.e. 10^too many) links for digital filter design programs. If I had a DSP that could run a filter at 30 MHz that would be great. (If I had a DSP that could run that fast I'd be rich.)

I found one online calculator at
http://www.gbonline.com/~multiplx/wireless/rf_design/3pole.main.cgi that does bandpass filters. Are there others?

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 19 Nov 2001 09:54:50 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu, North Georgia QRP Club <nogaqrp@qth.net>
Cc: k5di@zianet.com
Subject: [112175] Calling all Puppies!
Message-ID: <5.0.2.1.2.20011119092435.01bcbd80@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

OK all you puppies looking to bag a Cub Fox!

The next Cub Fox Hunt will be Tuesday 11/20 at 2100EDT (that's Wednesday 11/21 at 0200Z). K04WX will be the Fox for the night's chase.

SPECIAL NOTE: I badly need KS, NE and NV to finish my WAS QRP in 2001. If you sign /WAS and you're from KS, NE or NV, I JUST might hear you a bit better over the din. If you sign /WAS and you're not from KS, NE, or NV, I just might forget to put you in the log (go ahead, flame me, but I AM the fox, and I know how my ears and my brain work!). 8-)

PLEASE NOTE: Per last week's posts from the Head Cub, Fox Karl, K5DI, the Cub Fox hunts will be moving out of the Novice band to the 7.050 to 7.070 range. Right now I plan on calling around 7.057 +/- QRM. I will start the hunt listening UP .5 to 2 KHz. I will have my the K2 filter cranked down to 100Hz, at least early on. If it is a slow night or the pack starts thinning out I will start listening closer to my transmit frequency. You should get an idea of where I am listening from who I am working at any given time. I've seen some suggestions that listening DOWN might be appropriate depending on QRM. I'll see. If I do, I'll indicate by calling CQ FOX DN 2 DE K04WX.

Please send your call once and then listen. My exchange will be the format:
CALL RST MIKE GA 5W CALL BK

If I need a fill I will use the format:
CALL RST? CALL SPC? or CALL NAME?

If we have a good exchange then you will hear:
TU FOX DE K04WX

I'm using my K2 into an 80M loop at 70'. Judging from the SS a couple of weeks ago, it should work pretty well from Atlanta. The most important thing to remember is to LISTEN: persistence and patience do pay off--even if you can't hear me for the first hour and a half, my signal could pop up briefly toward the end--the bands have been funny that way, lately. So don't give up if you don't get me right away! Remember, this is the night for the hound puppies who haven't worked a Thursday Fox or very many Cub Foxes. I will have my keyer set at 12 WPM, and if you blast me at 35WPM, I assure you, I will not hear you...

But if you call at 5WPM, I'll slow down and we'll work--even if it slows down the hunt! You shouldn't be intimidated by this hunt! It's for folks like me that don't dig HSCW, but really get into QRP. I've found that the best way to get my CW up was to get on the air and listen, then work. I never got up to 35WPM in the Sweepstakes, but was holding my own at 25 on Sunday.

And keep in mind, above all else, that the real purpose of this event is to HAVE FUN!

CU tomorrow night!

72 de Mike, K04WX
Michael C. Boatright

Date: Mon, 19 Nov 2001 15:54:30 +0100
From: DK3RED@t-online.de (Ingo, DK3RED)
To: QRP-L <qrp-l@lehigh.edu>
Subject: [112176] Re: filter design?
Message-ID: <3BF91D26.97258E10@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello David,

> Can anyone point me to cheap (free?) software for designing LC filters? I
> have a Handbook that has the tables for doing highpass and lowpass filters,
> but I was wondering if there was a software solution that also does
> bandpass, bandstop, and other goodies as well.

It's free and good: <http://www.sparks98.freeseerve.co.uk/java/games.htm>

--

72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de - www.qsl.net/dk3red - www.t-online.de/~dk3red

Date: Mon, 19 Nov 2001 10:03:25 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: WD8CIV@worldnet.att.net
Cc: qrp-1@lehigh.edu
Subject: [112177] Re: filter design?
Message-ID: <5.0.2.1.1.20011119100227.00a29070@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:31 AM 11/19/01 -0500, you wrote:

>Folks,
>
>Can anyone point me to cheap (free?) software for designing LC filters? I
>have a Handbook that has the tables for doing highpass and lowpass
>filters, but I was wondering if there was a software solution that also
>does bandpass, bandstop, and other goodies as well.
>
>I tried searching the Web but I get a gazillion (i.e. 10^too many) links
>for digital filter design programs. If I had a DSP that could run a filter
>at 30 MHz that would be great. (If I had a DSP that could run that fast
>I'd be rich.)
>
>I found one online calculator at
>http://www.gbonline.com/~multiplx/wireless/rf_design/3pole.main.cgi that
>does bandpass filters. Are there others?
>
>Dave
>
>-----
>Dave Hinerman

Dave and others,

Try the AADE web site. Neil has decent filter design software
that won't break the bank. I use it all of the time....

72,

Jim, K8IQY

>WD8CIV@worldnet.att.net

Date: Mon, 19 Nov 2001 09:46:38 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'steve@eclipsecat.com'" <steve@eclipsecat.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [112178] RE: DXCC-QRP
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3C02@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

In that case, Steve, I suggest that you apply for the DXCC award. It is based entirely on what can be proved from the QSL cards -- date, time, frequency, other operator QTH, etc.

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Steve Blary [mailto:steve@eclipsecat.com]

> Sent: Friday, November 16, 2001 3:40 PM

> To: Low Power Amateur Radio Discussion

> Subject: RE: DXCC-QRP

>

>

> It was stated:

>

> "... I dont go all that much for wall paper but the point is

> I KNOW I have

> worked them and

> that all that counts. If you have worked these stations that should be

> enough for your own mine so why do you need a piece of wall

> paper to prove

> it? Are you just trying to impress someone other than

> yourself. I really

> dont care if i have the certificate or not but if that is

> your thing GO FOR

> IT."

>

> Maybe those who do care for such would like for it to
> represent something
> more meaningful and not something that one with no proof of
> effort could
> obtain.
>
>
> 73's
> Steve Blary, KD4LIV
>

Date: Mon, 19 Nov 2001 09:49:01 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'plburbank@kih.net'" <plburbank@kih.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [112179] RE: TT-2
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3C03@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

The new tuna cans seem to NOT have bottoms that can be removed with a can opener. I went to a local oriental-food grocery store and found that some of the imported items DO use the old-style cans. One of the ones I built for W1AW was built in a can of powdered coconut. :-)

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Pete Burbank [mailto:plburbank@kih.net]
> Sent: Sunday, November 18, 2001 8:22 PM
> To: Low Power Amateur Radio Discussion
> Subject: TT-2
>
>
> Well I ate a can of tuna and ordered 2 kits from Jay...one
> for my son. Also

> looked over
> the original article (May '76) and the update by Ed Hare (
> Mar 2000) in QST.
> What is the best can to build one of these in??? Most tuna
> cans look like
> it would
> be a pretty tough job to remove the bottom.
> Any suggestions??
> 73 to All
> Pete NV4V Ky
>

Date: Mon, 19 Nov 2001 08:15:09 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: <w1rfi@arrl.org>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [112180] Re: TT-2
Message-ID: <000f01c1710c\$fabea970\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Alternative: Pinapple cans. Added benefit the smell nicer! ;-)

73, Rod N0RC
Ft Collins, CO

----- Original Message -----

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, November 19, 2001 7:49 AM
Subject: RE: TT-2

> The new tuna cans seem to NOT have bottoms that can be removed with
a can
> opener. I went to a local oriental-food grocery store and found
that some
> of the imported items DO use the old-style cans. One of the ones I
built for
> W1AW was built in a can of powdered coconut. :-)
>
> 73,
> Ed Hare, W1RFI
> ARRL Lab

> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
...

Date: Mon, 19 Nov 2001 07:40:15 -0800 (PST)
From: Rod =?ISO-8859-1?Q?"N=D8RC"?= <n0rc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [112181] Juno troubles?, quick fix idea
Message-ID: <20011119154015.12315.qmail@web20504.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Many have written about not receiving QRP-L posts. It seems the common factor is Juno. It is not unusual for an ISP to filter inbound email to reduce spam. QRP-L traffic must meet the "SPAM" criteria for Juno's filters (if they're doing such).

Here is a quick fix:

Establish a Yahoo email address. It's pretty good and it works. Using my Yahoo account I subscribed to QRP-L this morning, and am already using it to read/write QRP-L messages. The nice thing about Yahoo; if you can get to the web you can read you email. And, they offer POP3 service so you can collect email in your favorite email client.

Details at: <http://www.yahoo.com/r/m1>

GL

=====
73, Rod N0RC
Fort Collins, CO

Do You Yahoo!?
Find the one for you at Yahoo! Personals
<http://personals.yahoo.com>

Date: Mon, 19 Nov 2001 10:22:25 -0500

From: G Brandon Hoyt <preacher102677@juno.com>
To: qrp-l@lehigh.edu
Subject: [112182] ATTEN SYS ADMIN>>>
Message-ID: <20011119.102228.-3963635.4.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello,
I'm not receiving email from the qrp-l reflector, are you receiving any error messages pertaining to my email address? If you are, please forward that error message to me, and I can handle it from there.

LIC,
G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."
Photographer, Philosopher, Preacher, Pirate, Poet.
"God didn't promise me the sun wouldn't smite me by day" James D. Vernon
DE KG4GVL Clear.

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 19 Nov 2001 10:44:49 EST
From: ARDUJENSKI@aol.com
To: nwq-l@scn.org, qrp-l@lehigh.edu
Subject: [112183] RCA Impedance Bump
Message-ID: <f.1e1395c5.292a82f1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have read on a few occasions posts that state RCA connections create a high impedance bump when used in antenna systems. Is this founded in fact? If they are a problem how significant? The reason I ask is I have been using them for experimental antennas for a few years and was planning on using them in a patch-panel for antenna-rig switching. At low power I would like to preserve as much power as I can for radiation and still be economical

Hope I am not covering old ground here or asking a dumb question

Alan KB7MBI in Woodinville, WA
FISTS 5702

Date: Mon, 19 Nov 2001 08:47:04 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [112184] Re: FOX N0RC Log, Final(?)
Message-ID: <001601c17111\$7009d5c0\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is another "Final Release Candidate" (AFRC) of my Fox log.

Setup KNWS 570D(G) @ 5W, Attic Dipole at 20ft
@0304z SFI=207, A=9, K=2

15-Nov-2001 40m Foxhunt

Time	Call	RSTr	Exchag (SPC NAME PWR)
0200	N1FN	559	CO ET 5W
0202	N0TU	559	CO STEVE 5W
0205	W5TB	559	TX DOC 5W
0207	NQ7X	559	AZ FLOYD 5W
0208	K0FRP	599	CO AL 5W
0208	K0EVZ	579	ND DOC 2W
0209	N2WW	559	CO LARRY 5W
0210	K5JHP	559	TX BILL 5W
0211	W7ILW	559	AZ WALT 5W
0213	N4ROA	559	VA DAN 5W
0214	N0AR	559	MN SCOTT 5W
0214	W9HL	559	IL RANDY 5W
0216	KD5KXF	559	TX MIKE 5W
0218	W0UFO	559	MN MERT 5W
0219	AC5JH	559	OK TOM 5W
0221	N7TX	559	TX STEVE 5W
0225	KQ5U	559	TX TERRY 5W
0227	N9IJ	559	IL LEN 5W
0229	AA5O	559	LA VERN 5W
0230	N0DSP	599	CO TOM 5W
0231	KK5LD	599	TX JIM 5W
0232	K5ZTY	559	TX BILL 5W
0235	VE5RC	559	SK BRUCE 5W
0236	K3PH	559	PA BOB 5W
0237	W8UJW	559	MI JOHN 5W
0239	KG6CYN	579	CA TREV 5W
0239	VE6JAZ	579	AB BOB 5W
0240	W5YR	559	TX GEORGE 5W

0242	K9DC	559	IN DAVE 5W
0244	VE6EX	559	AB DAN 5W
0245	N6WG	559	CA BOB 5W
0246	K6VNX	559	CA ARLEN 5W
0248	K5DW	559	TX DON 5W
0249	K5DI	559	NM KARL 5W
0250	W0CH	579	MO DAVE 900mw
0252	K8CV	559	MI WALT 5W
0254	N3BJ	559	VA ALAN 5W
0255	NK6A	559	CA DON 5W
0257	W9XU	559	WI LON 5W
0257	W5YA	579	NM FRED 5W
0259	W5USJ	559	TX CHUCK 5W
0300	K4FB	559	FL PAUL 5W
0301	N1TP	559	FL TOM 5W
0303	VE6KG	579	AB NORM 5W
0306	N9AW	559	WI JERRY 5W
0308	K3IU	559	RI KEN 4W
0309	WA9TZE	559	WI JIM 5W
0309	N4MAP	559	GA SAM 5W
0311	WE9K	599	WI GLENN 5W
0313	K4TJD	539	GA TOM 5W
0315	N8IE	559	OH DAN 5W
0316	K8KFJ	559	WV GARY 5W
0318	VA6RF	559	AB EARL 5W
0319	VE4WI	559	MB CRAIG 5W
0321	NK9G	559	WI RICK 5W
0323	KI0II	559	CO RON 1W
0324	N5OHL	559	OK JIM 5W
0325	K9IS	559	WI STEVE 5W
0326	W0RSP	579	SD ADE 5W
0328	K0PC	559	MN PAT 5W
0329	K00Z	559	IL BRUCE 5W
0330	N5GJQ	559	LA MIKE 5W
0332	K4TJD	559	GA TOM 5W
0333	KB9YIG	559	IN TONY 5W
0334	K4ADI	559	SC FRANK 5W
0335	W8RU	559	MI RON 5W
0339	N5WL	559	OK BART 5W
0341	N0HRL	559	MN KEN 5W
0343	KJOC	559	MO JIM 5W
0343	NRIB	559	LA JIM 5W
0344	AF4LQ	559	KY MIKE 5W
0345	WV9N	559	OH RANDY 5W
0347	WD5CMA	559	LA GLORIA 5W
0349	N7CQR	559	OR DAN 5W
0350	NN5E	559	TX VERN 5W
0351	AF4PS	559	FL MAC 5W

0352 KB7WW 559 OR ART 5W
0356 N9NE 559 MO TODD 5W
0358 VE3FAL 559 ON FRED 5W
0359 N9WW 559 IL JIM 5W
0400 N0RC 559 CO ROD 5W
0400 N0UR 559 MN JIM 5W

Date: Mon, 19 Nov 2001 10:03:44 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: ARDUJENSKI@aol.com,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [112185] Re: RCA Impedance Bump
Message-ID: <3.0.2.32.20011119100344.0082e100@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Alan,

At HF, they aren't likely to be any worse than PL-259s used RG-58 or RG-8X.

Use good quality shielded types for best results.

I doubt you could measure the difference even if you used BNCs which are supposed to be constant impedance like N-type connectors.

Some of us used to use knife switches for antenna change over connections and didn't know we weren't supposed to be making all the QRP QSOs we did...
8^)...

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
Zombie #759, RARA #3, Visit NETXQRP Web Site: <http://www.netxqrp.org>

Date: Mon, 19 Nov 2001 10:48:57 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-1@lehigh.edu
Subject: [112186] TT-2 cans
Message-ID: <5.0.2.1.0.20011119103854.00aa7420@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The original article has a statement that tickles me. "Be sure to eat, or at least remove the contents before starting your project!"

HI!

73 Pete NV4V :-)

Date: Mon, 19 Nov 2001 09:54:53 -0600
From: "George, W5YR" <w5yr@att.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [112187] Re: RCA Impedance Bump
Message-ID: <3BF92B4D.ECADA766@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not a dumb question at all, Alan. Just shows that you are concerned about your station.

But take some heart from the fact that Collins, Heath and several others have used RCA connectors for their antenna connectors with equipment in the HF range. The Collins rigs pushed 100 watts through them with no ill effects. But, for what it is worth, their connectors did use ceramic (steatite?) insulation instead of the usual.

The practical problem is keeping them plugged in tightly and minimizing surface corrosion that can make for a poor or intermittent connection. Twist the male plug a little every now and then to clean off the contact surfaces. Remove and reinsert it occasionally for the same reason. And every now and then, take some pliers and gently crimp the outer gripping surface of the plug to ensure good mechanical contact.

At HF, you can pretty well ignore any such effects as "impedance bumps" due to a connector.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

ARDUJENSKI@aol.com wrote:

>

> I have read on a few occasions posts that state RCA connections create a high
> impedance bump when used in antenna systems. Is this founded in fact? If they

> are a problem how significant? The reason I ask is I have been using them for
> experimental antennas for a few years and was planning on using them in a
> patch-panel for antenna-rig switching. At low power I would like to preserve
> as much power as I can for radiation and still be economical
>
> Hope I am not covering old ground here or asking a dumb question

Date: Mon, 19 Nov 2001 11:05:36 US/Eastern
From: n2cx@voicenet.com
To: qrp-l@lehigh.edu
Cc: WD8CIV@worldnet.att.net
Subject: [112188] Re: filter design?
Message-ID: <200111191605.fAJG5kNB005535@rain.CC.Lehigh.EDU>

Dave,

Yet another good location is:

<http://www-users.cs.york.ac.uk/~fisher/lcfilter/>

which provides an on-line calculator. It's good enough that I have used it
for "real" projects at work. We have more powerful integrated tools at our
disposal, but this site lets us turn around rough designs very quickly to check
out
ideas before committing to a formal design.

72/73,

Joe E.,
N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Mon, 19 Nov 2001 17:08:35 +0100
From: DK3RED@t-online.de (Ingo, DK3RED)
To: QRP-L <qrp-l@lehigh.edu>
Subject: [112189] New QRPp beacon
Message-ID: <3BF92E83.ADC43F04@t-online.de>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello QRPers,

There are a new QRPP beacon in OK. I think it is a good tool for milliwatters (normal QRPers also HI) by checking the conditions to europe.

Call: OK0EF

Op: OK1FAQ

QRG: 10134 KHz

Pwr: 500 mW (!!!)

Mode: CW

QTH: nr Kladno with Locator J070BC

Note: The info about QTH and locator will send after some rounds an the output power will change from 100 mW over 200 mW to 500 mW.

--

72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de - www.qsl.net/dk3red - www.t-online.de/~dk3red

Date: Mon, 19 Nov 2001 08:36:23 -0800 (PST)
From: Stan Yarema <bg783@scn.org>
To: nwq-1@scn.org
Cc: qrp-1@lehigh.edu
Subject: [112190] Re: nwq-1: RCA Impedance Bump
Message-ID: <Pine.SUN.3.96.1011119082313.17862A-1000000@scn>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

RCA connectors were never intended for RF use. Nevertheless, they are used in many commercial radios. My Omni-D has RCA input and output connectors for the PA module. The connectors do present a discontinuity that reflects some power. The best connector design is the N-type which keeps the inner and outer conductor diameters continuous right through the connectors. I've heard number like 1/4 dB loss at well done UHF connections. The RCA type are probably worse. Is it a big deal ?? Maybe. I wouldn't use them, except maybe where the cable ends at the PC board or chassis. There is a discontinuity there anyway.

72..... Stan, K7SY

On Mon, 19 Nov 2001 ARDUJENSKI@aol.com wrote:

> nwq-l DE ARDUJENSKI@aol.com BT
>
> I have read on a few occasions posts that state RCA connections create a high
> impedance bump when used in antenna systems. Is this founded in fact? If they
> are a problem how significant? The reason I ask is I have been using them for
> experimental antennas for a few years and was planning on using them in a
> patch-panel for antenna-rig switching. At low power I would like to preserve
> as much power as I can for radiation and still be economical
>
> Hope I am not covering old ground here or asking a dumb question
>
> Alan KB7MBI in Woodinville, WA
> FISTS 5702
> *** NWQ-L Archives: <http://www.scn.org/~nwqrp/nwq-l/maillist.shtml> ***
>

Date: Mon, 19 Nov 2001 08:46:15 -0800
From: "Andreas Junge - ATT" <ajunge1@home.com>
To: <K2UD@adelphia.net>, <qrp-l@Lehigh.EDU>
Subject: [112191] RE: Hello.....anybody there?
Message-ID: <MFEOKMHFGOMOE0JFJILAMEDLGJAA.ajunge1@home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howard,

make sure you send the mail formatted as "TEXT ONLY". Maybe that is why it
works when you use a reply to a message since it comes as TEXT only.
Messages with all other formatings (i.e HTML or RTF) are rejected.

If you use Outlook goto the Format-Menu and select "TEXT ONLY".

I hope this helps ...

Andreas, N6NU

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Howard Kraus
> Sent: Sunday, November 18, 2001 11:52 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Hello.....anybody there?
>

>
> Sorry to inconvenience you Mark, I can't post to the list unless I cc: to
> the list.
>
> IS THE LIST MANAGER OUT THERE? Like it says above, I can't post
> to the list
> unless I cc: to it from a previous message. I've sent a message
> to the list
> manager, no reply. Is there such a person? I subscribe to the
> list and do
> receive regular postings. I simply cannot post to the list if I send my
> e-mail direct to qrp-l@Lehigh.EDU. Help, someone please!
>
> 72 all
>
> Howard Kraus, K2UD
>
>
> > Since 11/12, I haven't gotten ANY messages from the reflector
> > whatsoever. This has happened once before, and I just don't
> > understand why this keeps happening. I've just sent a message to the
> > list manager, and maybe that will help. Hope I'm still subscribed to
> > this
> > reflector.
> >
> > 73, Mark, KE5MY
> > Hopefully, still
> > QRP-L # 2365
> >/.
>

Date: Mon, 19 Nov 2001 11:06:23 est
From: brian@iquest.net
To: "Mark J. Dulcey" <mark@buttery.org>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [112192] Re: TT-2
Message-ID: <3bf92dff.2944.0@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bumble Bee Tuna is still in a 3 part can. I like it a lot better than Starkist
Tuna, perhaps it has a higher dolphin content?

>Pete Burbank wrote:
>
>> Well I ate a can of tuna and ordered 2 kits from Jay...one for my son.
>> Also looked over
>> the original article (May '76) and the update by Ed Hare (Mar 2000) in

>> QST.
>> What is the best can to build one of these in??? Most tuna cans look
>> like it would
>> be a pretty tough job to remove the bottom.
>> Any suggestions??
>
>It is indeed difficult to remove the bottom from most modern tuna
>cans; the cans have changed since Doug DeMaw's days. The old cans
> were three-piece; the top, bottom, and sides were separate, and
>you could remove both the top and bottom with a can opener.
>Modern tuna cans are two-piece, with the bottom and sides made
>from a single formed piece of metal.
>
>It may still be possible to find some specialty brands of tuna in
>the old-fashioned cans. Try a health-food store, or some place
>that sells imported tuna. If you find one, you can use the
>original DeMaw method of removing the bottom and soldering the
>board to the can.
>
>The most popular method for building the TT2 in a modern can is
>to drill holes in the TT2 circuit board and the bottom of the
>can, and support the board with standoffs. That's what I did when
>I built mine. I couldn't find any threaded standoffs of the right
>size, so I used long brass screws with standoff "washers"
>(whatever you call those things) around them.
>
>
>

Date: Mon, 19 Nov 2001 08:55:53 -0800 (PST)
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [112193] Thanks! (was: Leonid meteors over NM)
Message-ID: <20011119165553.89941.qmail@web13802.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Wow, thanks to all who responded on-line and off!
A great wealth of info. I think I'll do some more
research and build something to listen for these.
Here in the WMNF (White Mountain National Forest)
I can be many MILES from any powerlines and deep
in some steep valleys in just minutes. AC hum
shouldn't be a problem. The Perseids will be here
in August(?), so I figure I have until then to
perfect a design and scout out an optimal listening
post. I'll of course bring along an HF QRP rig
for when the "Natural Radio" thing gets old.
Will keep you posted...

Tnx again es 72/73!
Dale

=====

"There is a very fine line between "hobby" and "mental illness." --Dave Barry

=====

Dale Anderson	In the Mt Washington Valley
KB0VCC	Conway, New Hampshire
QRP-L #91 / CQC #251	Grid Sq: FN43KX
ARS #234 / FISTS #3172	http://www.qsl.net/kb0vcc

=====

Do You Yahoo!?
Find the one for you at Yahoo! Personals
<http://personals.yahoo.com>

Date: Mon, 19 Nov 2001 11:51:00 -0500
From: Bill Coleman <aa4lr@arrrl.net>
To: <frussle@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [112194] Re: Info needed on converting parts markings
Message-ID: <1011019115101.LAA21688@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 11/14/01 8:53 AM, Jake Brodsky at frussle@erols.com wrote:

>Except for weird historical reasons, I've never understood North
>American reluctance to use nano-farads. (Could it be a secret plot to

>avoid the susceptance of nano-henries? ;-)

Heck, some of us remember when we didn't have pF, we just had uuF....
(That's micro-micro-Farads)

It's also before we had Hz, it was just cps back then....

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Mon, 19 Nov 2001 10:21:33 -0700 (MST)
From: cherry@getnet.net
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [112195] Re: filter design?
Message-ID: <1006190493.3bf93f9de5d5c@mail.getnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

The filters in the ARRL handbook are good. With simple scaling they can be moved to different frequencies. There are better filter designs in the Electronic Filter Design Handbook by Arthur B. Williams ISBN 0-07-070430-9. That book has a good references to many other books like the Handbook of Filter Synthesis by Anatol I. Zerev. My copy is 1967 so it has no ISBN. Another book is Reference Data for Engineers which is printed each year by Sams ISBN 0-672-22753-3. I have used these books and others since 1967 to design crystal and LC filters. I write my own filter design programs so I can synthesize filters that are not in any book. A handy tool is the ARRL Radio Designer. It will do the analysis of your filters. The transformation from low pass to bandpass is not too complex and these books all have the formulae.

I have several books on DSP filters, but I do not design many. A 30 MHz center frequency DSP filter is too high a frequency for low cost filters. You could try a switched capacitor filter. Crystal and LC filters are low cost and they work. Some day DSP will be low cost.
Jim W7ANF

Quoting David Hinerman <WD8CIV@worldnet.att.net>:

> Folks,
>
> Can anyone point me to cheap (free?) software for designing LC filters?
> I
> have a Handbook that has the tables for doing highpass and lowpass
> filters,
> but I was wondering if there was a software solution that also does
> bandpass, bandstop, and other goodies as well.
>
> I tried searching the Web but I get a gazillion (i.e. 10^too many) links
>
> for digital filter design programs. If I had a DSP that could run a
> filter
> at 30 MHz that would be great. (If I had a DSP that could run that fast
> I'd
> be rich.)
>
> I found one online calculator at
> http://www.gbonline.com/~multiplx/wireless/rf_design/3pole.main.cgi that
>
> does bandpass filters. Are there others?
>
> Dave
>
> -----
> Dave Hinerman
> WD8CIV@worldnet.att.net
>
>

Date: Mon, 19 Nov 2001 09:25:07 -0800
From: Bob Nielsen <nielsen@oz.net>
To: nwq-1@scn.org, qrp-1@lehigh.edu
Subject: [112196] Re: nwq-1: RCA Impedance Bump
Message-ID: <20011119092507.B1626@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Mon, Nov 19, 2001 at 10:44:49AM -0500, ARDUJENSKI@aol.com wrote:

> nwq-1 DE ARDUJENSKI@aol.com BT
>
> I have read on a few occasions posts that state RCA connections create a high
> impedance bump when used in antenna systems. Is this founded in fact? If they
> are a problem how significant? The reason I ask is I have been using them for
> experimental antennas for a few years and was planning on using them in a

> patch-panel for antenna-rig switching. At low power I would like to preserve
> as much power as I can for radiation and still be economical
>
> Hope I am not covering old ground here or asking a dumb question

While I never have seen any numbers, I doubt you would notice much of an effect at HF. The discontinuities tend to look like a combination of series inductance and parallel capacitance and the reactance will vary with frequency. Motorola uses RCA-type connectors (with a shorter male pin) for internal connections in many of their UHF radios .

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Mon, 19 Nov 2001 11:32:22 -0600
From: "George, W5YR" <w5yr@att.net>
To: aa4lr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [112197] Re: Info needed on converting parts markings
Message-ID: <3BF94226.812CEBE3@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And some of us even called them "mickey-mikes."

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Bill Coleman wrote:

> Heck, some of us remember when we didn't have pF, we just had uuF....
> (That's micro-micro-Farads)

Date: Mon, 19 Nov 2001 10:42:16 -0600
From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [112198] Re: FOX N0RC Log, Final(?)
Message-ID: <000f01c17119\$25ee9b80\$d3bf1d41@wi.rr.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just created a new folder for NØRC log revisions! (grin)

73 de Glenn, WE9K

Date: Mon, 19 Nov 2001 09:39:19 -0800
From: Jim Lowman <jmlowman@directvinternet.com>
To: n0rc@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [112199] Re: Juno troubles?, quick fix idea
Message-ID: <3BF943C7.C9B7AA6B@directvinternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hotmail is also a free alternative, with the ability to check mail while on the road, but it is a spam magnet.

I established a Hotmail account to send projects to my home or office accounts, that I worked on in class at UC-Riverside. There are typically 20-30 spams and even more "junk mail" each week when I check the account.

72 de Jim - AD6CW

Rod N RC wrote:

>
> Many have written about not receiving QRP-L posts. It seems the
> common factor is Juno. It is not unusual for an ISP to filter inbound
> email to reduce spam. QRP-L traffic must meet the "SPAM" criteria for
> Juno's filters (if they're doing such).
>
> Here is a quick fix:
>
> Establish a Yahoo email address. It's pretty good and it works. Using
> my Yahoo account I subscribed to QRP-L this morning, and am already
> using it to read/write QRP-L messages. The nice thing about Yahoo; if
> you can get to the web you can read you email. And, they offer POP3
> service so you can collect email in your favorite email client.
>

> Details at: <http://www.yahoo.com/r/m1>
>
> GL
>
> =====
> 73, Rod NØRC
> Fort Collins, CO

Date: Mon, 19 Nov 2001 12:44:10 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: preacher102677@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [112200] Re: ATTEN SYS ADMIN>>>
Message-ID: <3BF944EA.29F19C25@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

G Brandon Hoyt,

Yours is just the most recent complaint from Ja JUNO user. I think you should ask JUNO first! Your messages are getting here!

73

Date: Mon, 19 Nov 2001 12:51:48 -0500
From: "Kevin Anderson" <k9iua@juno.com>
To: qrp-l@lehigh.edu
Cc: k9iua@juno.com
Subject: [112201] Juno and QRP-L (RE: Hello.....)
Message-ID: <20011119175149.28849.qmail@juno.com>
Content-Type: text/plain; charset="iso-8859-1"
Content-Disposition: inline
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

To those having "trouble" with Juno:

I still have one of the original e-mail only Juno accounts and use it to read the Digests of QRP-L. Occasionally I have troubles (such as the last four days, when I think I had waited too many days between downloading mail

-- I don't do it every day -- and either my box filled up or something else happened, as all I got was several dozen messages with only headers -- and even those were to strange multiple address).

The main reason I wanted to reply to this thread is to remind folks that Jim E. had long ago (many years ago) set up an alternative way for Juno users to get the digest as a series of parts, each one no more than 60K in size, to get around the size limitations of the e-mail-only Juno.

I don't have the instructions with me here at work (I am using Juno's Webmail), but I can forward the instructions to someone from home later. Just send me a seperate note off the list.

Basically this system is a separate process that runs on Lehigh's server that watches for a digest file to get created. Then that file is broken into parts, which are numbered (e.g., 1/4, 2/4, etc.) and sent as individual mail messages. They are NOT sent to a long list of recipients that I can see, and so don't seem to get rejected as spam. It seems to work, and will also benefit those who also use Eudora Light, which I believe has a similar size limitation. (Somebody on this list in the last year had a similar problem, but I can't recall the particular mail program they were using.)

Oh, and I should add -- one does still subscribe to QRP-L by the usual method for this particular way of getting digests. You set your subscription to POSTPONE so that you can still send messages, but don't receive them directly.

Again, e-mail me off the list and I will provide the exact directions from home. It's simply, but I just can't remember it right now.

Cheers/73 from Iowa,
Kevin, K9IUA, Dubuque, IA

--

Get your free email from <http://mymail.juno.com>

Date: Mon, 19 Nov 2001 12:51:07 -0500

From: Bruce Muscolino <w6toy@erols.com>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [112202] Re: RCA Impedance Bump
Message-ID: <3BF9468B.4F2A1195@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alan,

Do RCA connectors cause an impedance bump? Sure they do! Is it any worse than the impedance bumps caused by going through walls or using cheap feedlines? Probably not.

Look at the history of who used RCA connectors for RF. COLLINS Radio, for example. They were standard on the entire S line and KWM series. They caused no problems there! For what its worth, Heathkit copied the idea and there just be thousands of rigs out there that use them!

Did they know any secrets? Well, for the most part they used RCA connectors that had ceramic insulators.

73

Date: Mon, 19 Nov 2001 11:53:49 -0600
From: "George, W5YR" <w5yr@att.net>
To: jmlowman@directvinternet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [112203] Re: Juno troubles?, quick fix idea
Message-ID: <3BF9472D.4EC84620@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One more suggestion: Yahoo mail. Free, practiccally no limitations, Net access and no ISP servers in the way unless you want access to your POP3 accounts.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Jim Lowman wrote:

>
> Hotmail is also a free alternative, with the ability to check mail
> while on the road, but it is a spam magnet.

Date: Mon, 19 Nov 2001 11:22:29 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <ARDUJENSKI@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [112204] Re: RCA Impedance Bump
Message-ID: <Pine.LNX.4.33.0111191118410.2042-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That is not correct unless you plan to use them on 420 MHz. I know for example that Motorola uses them in their business band 156 MHz radios. I have them in my Ten Tec radios and they are very good.

You should use GOOD RCA Jacks and plugs. Not expensive but work better.

On Mon, 19 Nov 2001 ARDUJENSKI@aol.com wrote:

> I have read on a few occasions posts that state RCA connections create a high
> impedance bump when used in antenna systems. Is this founded in fact? If they
> are a problem how significant? The reason I ask is I have been using them for
> experimental antennas for a few years and was planning on using them in a
> patch-panel for antenna-rig switching. At low power I would like to preserve
> as much power as I can for radiation and still be economical

>
> Hope I am not covering old ground here or asking a dumb question

>
> Alan KB7MBI in Woodinville, WA
> FISTS 5702

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
http://www.qsl.net/k5di/

Date: Mon, 19 Nov 2001 12:54:28 -0600
From: "Ed Manuel (N5EM)" <n5em@flash.net>

To: qrp-1@lehigh.edu
Subject: [112205] Re: RCA Impedance Bump
Message-ID: <4.3.2.7.2.20011119124545.00bf1d10@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

There are RCA phonos, and then there are RCA phonos. Some of them have cheap plastic insulation internally that is lossey. Some have better stuff and are pretty good at HF frequencies.

A parts store in Houston run by a ham actually had them marked "HF Use" and they had phenolic insulation, I believe.

But why use phonos? You can find panel mount BNC's pretty inexpensively at hamfests and do it right. And, a cable with a BNC on it (properly installed) won't get flakey after repeated use. You might say the only thing good about an RCA for RF work is that they are cheap, but I find that's not actually true - good ones cost nearly as much as good RF connectors.

Of course, if you happen to have a box full of them, then all bets are off :-)

Now - to start a real high-energy QRP-L debate. If you are going to use a cheap connector for RF that is not 50 ohms anyway (RCA), then use F connectors. They are rated to hundreds of mhz., most antennas aren't 50 ohms precisely anyway, and short jumpers will probably not be noticed anyway. And you can really get a selection of them in different form factors. Personally, I think that the F connector has been seriously underated for QRP work.

Now, if we could only get Yaesu to change the connector on the FT-817 to an F connector (just kidding!)

Ed, N5EM

At 11:22 AM 11/19/01 -0700, you wrote:

>That is not correct unless you plan to use them on 420 MHz. I know for
>example that Motorola uses them in their business band 156 MHz radios. I
>have them in my Ten Tec radios and they are very good.

>

>You should use GOOD RCA Jacks and plugs. Not expensive but work better.

>

>On Mon, 19 Nov 2001 ARDUJENSKI@aol.com wrote:

>

> > I have read on a few occasions posts that state RCA connections create
> a high

> > impedance bump when used in antenna systems. Is this founded in fact?

> If they

> > are a problem how significant? The reason I ask is I have been using
> them for
> > experimental antennas for a few years and was planning on using them in a
> > patch-panel for antenna-rig switching. At low power I would like to
> preserve
> > as much power as I can for radiation and still be economical
> >
> > Hope I am not covering old ground here or asking a dumb question
> >
> > Alan KB7MBI in Woodinville, WA
> > FISTS 5702
> >
>
>--
>Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.qsl.net/k5di/>

Ed Manuel, N5EM Houston, TX (Harris Co.) EL29
Houston QRP Club, Houston Amateur Television Society
<http://www.n5em.com/> n5em@amsat.org

Date: Mon, 19 Nov 2001 19:17:07 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: WD8CIV@worldnet.att.net, qrp-1@Lehigh.EDU
Subject: [112206] Re: filter design?
Message-ID: <F68x4RbofyA3DuHDsgR000119c5@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I think I saw some filter design software on the ARRL web site. It's the software to go with the Handbook. I thought I'd downloaded it, but can't seem to find it on my system.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Mon, 19 Nov 2001 13:20:33 -0600
From: "Jim NOUR" <nOur@mediaone.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [112207] FOX; Final log NOUR
Message-ID: <004501c1712f\$42fc09e0\$35552942@mn.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This should be it.

>
> TIME CALL RST SEC NAME POWER
> 0200 AG0T 559 ND TODD 4W
> 0200 W0UFO 599 MN MERT 5W
> 0201 VE3FAL 599 ONT FRED 5W
> 0202 K9IS 599 WI STEVE 5W
> 0203 W9XU 559 WI LON 5W
> 0204 K0EVZ 599 ND DOC 2W
> 0204 N1FN 559 CO ET 5W
> 0205 N0AR 559 MN SCOTT 5W
> 0205 W8RU 599 MI RON 5W
> 0206 W8VJW 559 MI JOHN 5W
> 0207 VE6JAZ 599 ROB AB 5W
> 0208 N9IJ 579 IL LEN 5W
> 0209 AC5JH 559 OK TOM 5W
> 0210 K0FRP 579 CO AL 5W
> 0210 N0TU 559 CO STEVE 5W
> 0211 N2WW 559 CO LARRY 5W
> 0212 K3IU 559 RI KEN 4W
> 0212 K4ADI 559 SC FRANK 5W
> 0213 N4ROA 559 VA DAN 5W
> 0214 KQ5U 559 TX TERRY 5W
> 0214 WD4MSM 559 IN BARRY 5W
> 0215 K8CV 559 MI WALT 5W
> 0217 N3BJ 559 VA ALAN 4W
> 0218 VE6KG 589 AB NORM 5W
> 0219 VE5RC 559 SK BRUCE 5W
> 0219 N8VAR 559 OH RON 5W
> 0220 K5ZTY 559 TX BILL 5W

> 0220 W5YR 559 TX GEORGE 5W
> 0222 W9HL 559 IL RANDY 5W
> 0223 K3PH 579 PA BOB 5W
> 0223 N8IE 559 OH DAN 5W
> 0224 K9UT 559 IN JERRY 5W
> 0225 NQ7X 559 AZ FLOYD 5W
> 0225 K4FB 579 FL PAUL 5W
> 0226 KK5LD 559 TX DAN 5W
> 0226 K6VNX 559 CA ALLLEN 5W
> 0227 VE6EX 559 AB DAN 5W
> 0227 K5DW 559 TX DON 5W
> 0228 W0CH 569 MO DAVE 900MW
> 0233 WU9F 559 WI TERRY 5W
> 0231 K5DI 559 NM KARL 5W
> 0232 WS4S 579 TN CONARD 5W
> 0233 WV9N 559 OH RANDY 5W
> 0234 N0DSP 599 CO TOM 5W
> 0234 N8NN 599 WV BERT 10W
> 0235 KV4EE 559 SC CRAIG 5W
> 0236 K5JHP 559 TX BILL 5W
> 0237 K9IUA 559 IA KEVIN 5W
> 0238 K9DC 579 IN DAVE 5W
> 0239 KB9YIG 569 IN TONY 5W
> 0239 KC1FB 559 CT JIM 5W
> 0240 W5TB 559 TX DOC 5W
> 0240 VA6RF 579 AB EARL 5W
> 0241 N0HRL 559 MN KEN 5W
> 0242 K4TJD 559 GA TOM 5W
> 0243 N4MAP 559 GA SAM 5W
> 0244 WA8BXN 559 OH MIKE 5W
> 0245 N9AW 559 WI JERRY 5W
> 0246 NV4V 559 KY PETE 5W
> 0247 AA50 559 LA VERN 5W
> 0248 N1TP 559 FL TOM 5W
> 0249 W5USJ 559 TX CHUCK 5W
> 0249 WA9TZE 559 WI JIM 5W
> 0250 WE9K 599 WI GLENN 5W
> 0251 NX8C 559 MI BILL 5W
> 0252 KB3EOF 559 MD SANDY 5W
> 0223 AF4PS 559 FL MAC 5W
> 0254 AF4LQ 559 KY MIKE 5W
> 0254 KD5KXF 559 TX MIKE 5W
> 0256 N5IB 559 LA JIM 5W
> 0257 N9NE 559 MO TODD 5W
> 0258 VA3JFF 559 ON JEFF 2W
> 0300 K4BYF 559 FL JACK 4W
> 0301 K8KFJ 559 WV GARY WV
> 0302 N6WG 559 CA BOB 5W

> 0302 N5GJQ 559 LA MIKE 5W
> 0304 KB7WW 559 OR ART 5W
> 0305 W2XN 559 FL FRED 5W
> 0305 K5BGB 579 TX ROD 5W
> 0305 N7CQR 559 OR DAN 5W
> 0307 KE6RS 559 CA RON 5W
> 0307 N5OHL 599 OK JIM 5W
> 0308 K3NG 559 PA GOODY 5W
> 0309 K0PC 599 MN PAT 5W
> 0314 N5WL 559 OK BART 5W
> 0316 W0RSP 589 SD ADE 3W
> 0318 KI0II 599 CO RON 1W
> 0319 KC0GXX 559 NE TOM 2W
> 0319 W7ILW 559 AZ WALT 5W
> 0320 KB9LGJ 559 CA TIM 5W
> 0320 AK1P 559 CA PAUL 5W
> 0322 W0PWE/M 599 IA JERRY 5W
> 0322 NK9G 559 WI RICK 5W
> 0324 VE4WI 559 MB CRAIG 5W
> 0326 N7TX 559 TX STEVE 5W
> 0326 KJ0C 599 MO JIM 5W
> 0327 NK6A 559 CA DON 5W
> 0328 KI0RB 559 CO VINCE 5W
> 0329 KG6CYN 559 CA TREV 5W
> 0330 AJ4AY 559 AL JAY 5W
> 0330 W5YA 569 NM FRED 5W
> 0331 AB0CD 559 CO DICK 5W
> 0332 W9EI 569 IN DAVE 4W
> 0333 NQ7T 559 WA GARY 5W
> 0337 K7EL 559 OR DAVE 5W
> 0341 AD6JY 559 CA DAN 5W
> 0343 N5MF 579 NM MARK 5W
> 0344 AA7XA 559 OR FRANK 5W
> 0345 KV2X 559 NY TOM 5W
> 0346 NU8S 559 OH DENNIS 5W
> 0349 W5YW 559 LA MIKE 5W
> 0350 N9WW 559 IL JIM 5W
> 0351 WD5CMA 559 LA GLORIA 5W
> 0355 K3NY 559 MD NICK 5W
> 0356 N2LO 559 NJ BOB 5W
> 0357 WA7LNU 559 UT JACK 5W
> 0358 K5LN 559 TX BILL 5W
> 0358 WB8WTU 559 OH DENNIS 5W
> 0400 K0RC 599 CO ROD 5W
> 0400 N0UR 599 MN JIM 5W
>
>

Date: Mon, 19 Nov 2001 14:42:23 -0500
From: "Craig A. Ferris" <cferris@aeronix.com>
To: qrp-1@lehigh.edu
Subject: [112208] FT: warchbler 30m conversion kit
Message-ID: <3BF9609F.2DBF61C2@aeronix.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Trade for ??? My want list includes: back issues of QRPp, anything from small wonder labs, partial trade for KC-2 for my sierra, Norcal paddle, etc. Working or not, built or not, let me know what you would like to trade. Reply direct.

72,
Craig NR4E
Melbourne, FL

Date: Mon, 19 Nov 2001 14:46:24 -0500
From: "Tim A. King Jr." <iflyos@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [112209] mobile antennas
Message-ID: <F970JwnzsLqIfQdmEB40000fc83@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ok, time to poll the many and varied experts on the list for mobile antennas.. Thanks to my YL's father, I will soon be QRP HF mobile on 10 meters. I am seeking advice and suggestions on homebrew mobile antennas for 10 meters.

I drive a truck (00 Dodge Dakota 4WD X-cab.) Mounting options are open. The biggest concern I have is those darn parking decks I frequent. My 2m antenna is constantly hitting the roof of the levels. A vertical would be workable, but I am also open to more interesting solutions, such as a loop that fits inside the diminsions of the bed of the truck, mounted higher than the bedsides of course :-). Anything you guys could suggest would be appreciated!!

Best 73,

Tim A. King, Jr.
KG4MQD
Safety Officer, Hobby Park R/C Aircraft Club
Winston Salem, NC
AMA# 578668

Albert Einstein, when asked to describe radio, replied:

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat."
Albert Einstein (1879-1955)

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Mon, 19 Nov 2001 14:30:20 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'leon_heller@hotmail.com'" <leon_heller@hotmail.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [112210] RE: filter design?
Message-ID: <125490A005E3D3118C9C00805FC743CC023B3C1E@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Self-extracting:

<http://www.arrl.org/notes/1891/02HBKSW.EXE>

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Leon Heller [mailto:leon_heller@hotmail.com]
> Sent: Monday, November 19, 2001 2:17 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: filter design?
>
>
> I think I saw some filter design software on the ARRL web
> site. It's the
> software to go with the Handbook. I thought I'd downloaded
> it, but can't
> seem to find it on my system.
>
>
> 73, Leon
> --
> Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
> My web page: http://www.geocities.com/leon_heller
> My low-cost Altera Flex design kit: <http://www.leonheller.com>
>
>
>
> -----
> Get your FREE download of MSN Explorer at
> <http://explorer.msn.com/intl.asp>
>

Date: Mon, 19 Nov 2001 19:47:45 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: leon_heller@hotmail.com, qrp-1@Lehigh.EDU
Subject: [112211] Re: filter design?
Message-ID: <F33pH71yEXUIEA0eIiG00004268@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Leon Heller" <leon_heller@hotmail.com>
>Reply-To: leon_heller@hotmail.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: filter design?
>Date: Mon, 19 Nov 2001 19:17:07 +0000
>
>I think I saw some filter design software on the ARRL web site. It's the

>software to go with the Handbook. I thought I'd downloaded it, but can't
>seem to find it on my system.

Found it! It's a Windoze program called SVCfilt. It is part of the Handbook
SW. It looks like a computerised version of the design tables.

Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Mon, 19 Nov 2001 15:13:43 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <iflyos@hotmail.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [112212] Re: mobile antennas
Message-ID: <00bf01c17136\$b70c64e0\$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For 10M why would you want to hassle for a homebrew antenna, unless
you want it for your own personal 'science experiment'. There are just
so many CB antennas out there that work incredibly well on 10M that
it's just not worth it unless you want to do to learn something.

Thing is, avoid the 'non-adjustable' CB antennas, like the 4' whips.

While

they can easily be brought in with a tuner, you will then more than
likely

REQUIRE that tuner. Where on the other hand a 'base loaded' CB
antenna that is tuned by changing the length slightly can be set for
optimum performance for 10M. (And if it gets stolen by a CBer, serves
him right if he burns up his CB!)

On the down side, a CB antenna may not have the bandwidth you'd like
so you may have to compromise. Also, a 'base loaded' CB antenna,

even if tuned for 10M, will have a certain 'bandwidth' and if you go out outside of that bandwidth, it will not perform as well even if a tuner manages to 'bring it in'. (It'll just be HIDING the antenna issues.)

Personally, I used the Radio Shack 'Deluxe CB Mag Mount' antenna on 10M for a number of years with my HTX-100 with EXCELLENT results. I didn't even have to cut the whip to tune it, just set the whip all the way in on the adjustment. (You're mileage may vary!) I've worked South America, Europe, the Caribbean, and even a 25 minute 3-way one morning on a commute with me, a station in the former East Germany, and a station outside of Moscow, all with the HTX-100 with the power knob pulled to 5W pep.

As a general rule, a CB antenna with the longer whip will tune wider in bandwidth. Also as a general rule, if you have a tuner in a rig, it won't be NEAR as affective with a base loaded antenna and extending it's 'bandwidth' compared to a top loaded antenna. (I leave that explanation to others, as I may butcher the technical terms)

I find it ironic that the RS catalog list some of the really crappy CB antennas as CB/10M but the 'big deluxe CB' antennas they say are just CB, even though they work even better on 10M than the little guys.

As to your idea of a loop 'outlining' your bed on the truck, go for it. Would be very interesting to see how it would work. But personally I wouldn't expect too much. I would suspect the metal body that close will kill any performance you might expect to get.

Mike

----- Original Message -----

From: Tim A. King Jr. <iflyos@hotmail.com>

> Ok, time to poll the many and varied experts on the list for mobile
> antennas.. Thanks to my YL's father, I will soon be QRP HF mobile on
10
> meters. I am seeking advice and suggestions on homebrew mobile
antennas for
> 10 meters.
>
> I drive a truck (00 Dodge Dakota 4WD X-cab.) Mounting options are
open. The
> biggest concern I have is those darn parking decks I frequent. My 2m
> antenna is constantly hitting the roof of the levels. A vertical

would be
> workable, but I am also open to more interesting solutions, such as a
loop
> that fits inside the dimensions of the bed of the truck, mounted
higher than
> the bedsides of course :-) Anything you guys could suggest would be
> appreciated!!
>
> Best 73,
>
>
> Tim A. King, Jr.
> KG4MQD

Date: Mon, 19 Nov 2001 14:59:51 -0600
From: <jfox6@houston.rr.com>
To: "QRP" <qrp-l@lehigh.edu>
Subject: [112213] Re: Filter design
Message-ID: <00cc01c1713d\$22054900\$9902a8c0@houston.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Some time ago, I purchased a filter design program from AADE (Almost All
Digital Electronics)
You tell the program the frequencies and the type, and it does the rest.
Seems like a great program, at least it has done the job for me. I have no
interest in this company.

Foxy
jfox6@houston.rr.com
<http://www.qsl.net/w5hir>

Date: Mon, 19 Nov 2001 13:55:51 -0700
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [112214] RE: Chile E-mail: remacph@entelchile.net QTH: S.
Message-ID: <F9645092A142D3118CBD00805F15292E17A231F6@eb-mail1.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain

I got the following email today - it has a DOS executable attached - possible virus?

Don't remember working this guy but it is possible..

Any ideas? is this a virus?

Brad

```
> -----Original Message-----
> From: Rodney Macpherson [SMTP:remacph@entelchile.net]
> Sent: Monday, November 19, 2001 1:05 PM
> Subject: Chile E-mail: remacph@entelchile.net QTH: S.
>
> Confirming our 20 Meter PSK31 QSO,
> on 14069 at UTC. Your RST:
>
>
>
>
>
>
>
>
>
>
>
>
>
>
> Note to user: You can change the WA3DPL WordArt call sign to your own call
> sign:
> In Word, turn on the WordArt toolbar, by clicking "View", "Toolbars",
> "WordArt". << File: delta.com >>
```

Date: Mon, 19 Nov 2001 16:04:28 -0500 (EST)
From: Stephan Greene <sgreene@patriot.net>
To: "Tim A. King Jr." <iflyos@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [112215] Re: mobile antennas
Message-ID: <Pine.LNX.4.10.10111191552480.18434-100000@tzion.greene.lan>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 19 Nov 2001, Tim A. King Jr. wrote:

```
> I drive a truck (00 Dodge Dakota 4WD X-cab.) Mounting options are open. The
> biggest concern I have is those darn parking decks I frequent. My 2m
> antenna is constantly hitting the roof of the levels. A vertical would be
```

> workable, but I am also open to more interesting solutions, such as a loop
> that fits inside the dimensions of the bed of the truck, mounted higher than
> the bedsides of course :-) Anything you guys could suggest would be
> appreciated!!

A friend with a smaller pickup rigged a frame across the pickup bed as a mount for all sorts of VHF and HF antennas. Even had a small 2M yagi for transmitter hunts at one point. You could use an in-bed tool box or similar as well. The beauty is no holes in the truck (run feedline through the weather stripping of the sliding window)

You could do something similar for 10M; use as close to a full 1/4 whip as you can. You could rig a tether with nonconducting line to pull down the whip for clearing low bridges, garages, etc.

A full-wave loop for 10 M is approx. 35 feet in circumference (1005/28.4). A rectangle or triangle with this perimeter would be a bit squashed but might work. I don't think the pattern would be omnidirectional, but it would be interesting.

73

Steve KA1LM

Stephan A. Greene sgreene@patriot.net ka1lm@amsat.org
Herndon, VA 1-703-654-6032 office 1-571-233-1194 cell

Date: Mon, 19 Nov 2001 16:11:43 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "Qrp-L" <qrp-l@lehigh.edu>
Subject: [112216] F6AUS/HI9 on 28.017.8 at 21:07
Message-ID: <GCECIJFJPOHMCKACOA0BAEE0DBAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

He is on now calling CQ with no takers

Good Luck

Jake -- N4UY

Date: Mon, 19 Nov 2001 15:43:44 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-1@lehigh.edu
Subject: [112217] HC8N - 28.006 @ 2141Z
Message-ID: <5.1.0.14.0.20011119154138.00a9cec0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

HC8N - 28.006 @ 2141Z

599 into Midwest - very fast.

Used Argosy II and 300 milliwatts to SLX portable vertical.

DX still running stations at 2144Z - calling CQ.

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Mon, 19 Nov 2001 16:44:21 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: iflyos@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [112218] Re: mobile antennas
Message-ID: <3BF97D35.F741C6BB@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tim,

First, a quarter wave at 10 meters is about 8 feet. If your 2 meter antenna hits the roof of the parking garage, and it is only 19 inches tall, how do you expect to avoid hitting roofs with an 8 footer!

Those considerations aside, mount your whip wherever you can. Remember the higher the better in this application. Mounted on the cab it probably best. Mounted on a toolbox in the bed is next. Mounted on the floor of the bed is next, and bumper mounts are worst.

You should consider that the holes required will reduce the resale value of the pickup! A mag mount will work, but I wouldn't use a 2 meter mag mount or even a CB unit! Use one that is meant for ham radio!

Now, to the nitty gritty. I ran mobile for several years out in California. 10 meters is not the best band choice at this time. Soon the sunspot cycle will go away, and you will be talking mostly to yourself! Think that one through and choose the antenna accordingly!

I used a Hustler system, on all bands, and found it very effective. My vehicle was a VW Vanagon, and I mounted it on the camper top. The top was all fiberglass so I coupled the base of the mount to the frame with wires. I ran a Uniden HR2510 back then. About 20 watts output. I had many very good QSOs with it.

I also used a 4 foot helically wound CB antenna made by HuGain. It was also very good. I don't subscribe to the idea that a CB antenna will have a narrower bandwidth than a 10 meter ham antenna! There is almost no difference between them if they are 1/4 wave units! The shorter ones will have reduced bandwidth. I believe in using a tuner under all conditions. It saves your rig!

I do agree that you should abandon the idea of building your own antenna though. There are just too many good ones out there and they are not very expensive. A homebrewed antenna would make a good science fair project, but make the first one a store bought unit. Learn from it how it is put together!

73

>
> Tim A. King, Jr.
> KG4MQD
> Safety Officer, Hobby Park R/C Aircraft Club
> Winston Salem, NC
> AMA# 578668
>
> Albert Einstein, when asked to describe radio, replied:
>
> "You see, wire telegraph is a kind of a very, very long cat. You pull his
> tail in New York and his head is meowing in Los Angeles. Do you understand
> this? And radio operates exactly the same way: you send signals here, they
> receive them there. The only difference is that there is no cat."
> Albert Einstein (1879-1955)
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Mon, 19 Nov 2001 15:04:15 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [112219] DX?
Message-ID: <Pine.LNX.4.33.0111191501230.2416-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There was a pile-up on VK7N at 28.0066 MHz so I got in and called and called and he heard me! We exchanged 5nn and he went his way. This isn't my first VK QRP but I wonder what is special if anything. I was looking for Ducie but don't hear it.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Mon, 19 Nov 2001 16:54:42 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [112220] Re: mobile antennas
Message-ID: <3BF97FA2.9D604FBC@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hustler made a special base for their mobile whips that allowed them to fold over. Similar pieces were also made for other systems. In the end you can always unscrew the whip from the base and put it in the trunk!

73

Date: Mon, 19 Nov 2001 13:58:28 -0800
From: Eric Swartz WA6HHQ - Elecraft <erics@elecraft.com>
To: QRP-L <qrp-l@Lehigh.EDU>, GQRP <gqrp@egroups.com>,
Elecraft mail list <elecraft@qth.net>
Subject: [112221] Elecraft EC1 design contest

Message-ID: <3BF98084.59CD7C03@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

To help stimulate the creative process, we'll be giving away three of our new EC1 project enclosures to those who submit the most interesting suggested designs (concepts only--no schematics required). Here are the rules for the contest:

1. Design concepts submitted can be for virtually any ham-related application, but they must be compatible with the EC1 enclosure. (See <http://www.elecraft.com/EC1.htm> for pictures and inside dimensions. The EC1 is the same size and color as the K1 transceiver.

Designers are under no obligation or expectation to actually build the proposed projects.

2. Entries will ONLY be accepted in ELECTRONIC form (Microsoft Word, pdf, html, jpeg, gif, or some combination of these). Each entry must include at least a one-page description, as well as one or more sketches showing relevant detail (block diagram, panel layout, physical location of boards, etc.). But it's the idea that counts, not the implementation, so there's no need to provide formal documentation.

3. Entrants can submit more than one design, but a no more than one EC1 enclosure will be awarded per person.

4. Entries must be sent (via e-mail) to contests@elecraft.com, no later than Sunday, December 17th, 2001.

5. The three winning designs will be announced before December 31st. Some or all designs submitted will then be posted on our web site. Judging will be done by Wayne Burdick (N6KR), Eric Swartz (WA6HHQ), Gary Surrency (AB7MY), Tom Hammond (N0SS), and Bob Friess (N6CM). (All of us are hopeless home-brew fanatics.)

6. All designs submitted will be considered public domain. We reserve the right to design similar products in the future.

We look forward to seeing what you come up with!

73,
Wayne, N6KR
Eric, WA6HHQ

--

<http://www.elecrafft.com>

Date: Mon, 19 Nov 2001 14:06:33 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [112222] Elecraft EC1 design contest
Message-ID: <3BF98269.B8BEA6A9@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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5. The three winning designs will be announced before December 31st.

Some

or all designs submitted will then be posted on our web site. Judging will be done by Wayne Burdick (N6KR), Eric Swartz (WA6HHQ), Gary Surrency (AB7MY), Tom Hammond (N0SS), and Bob Friess (N6CM). (All of us are hopeless home-brew fanatics.)

6. All designs submitted will be considered public domain. We reserve the right to design similar products in the future.

We look forward to seeing what you come up with!

73,

Wayne, N6KR

Eric, WA6HHQ

--

<http://www.elecrafter.com>

Date: Mon, 19 Nov 2001 15:08:49 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [112223] My ears
Message-ID: <Pine.LNX.4.33.0111191507320.2416-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My ears are playing tricks on me vk7n = hc7n...also he is about 40 wpm. I need Ecuador anyway.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Mon, 19 Nov 2001 22:04:20 +0000
From: Larry Cahoon <lejek@erols.com>
To: iflyos@hotmail.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [112224] Re: mobile antennas
Message-ID: <5.1.0.14.0.20011119215320.00bb8180@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:46 PM 11/19/2001 -0500, Tim A. King Jr. wrote:

>I drive a truck (00 Dodge Dakota 4WD X-cab.) Mounting options are
>open. The biggest concern I have is those darn parking decks I

>frequent. My 2m antenna is constantly hitting the roof of the levels. A
>vertical would be workable, but I am also open to more interesting
>solutions, such as a loop that fits inside the dimensions of the bed of
>the truck, mounted higher than the bedsides of course :-)

Try E-Field
259 W. Cook Road
Mansfield, OH 44907
1-419-756-7777

He makes and sells mobile antennas at many of the county hunter conventions. Sorry, he doesn't have a website. I got some of his at the last convention in TN in Nov. and have some from the guy he got the business from a few years back. They do work, I worked a VK4 from the road on 20 meters with one of them running 5 watts.

His claim to fame so to speak is getting the antenna up higher without hitting everything. The basic idea is to lay the coil and stinger flat. That allows for a longer mast and thus a better signal out. The mast is vertical, but he makes a bolt for the top that allows you to attach each coil (I run two, you can run as many as five) so that they lay out horizontal from the top of the mast. I like the setup on the xyl's minivan as I run a four foot mast and set the coils on top of that. That way my clearance is just four feet higher than the van itself. I don't hit quite as many tree limbs that way.

Let me try a quick picture - see how it comes through to the list. m is mast, c is coil, s is stinger

```
ccccssssssss  
m  
m  
m  
m  
m  
m  
m  
m  
m  
m  
m  
m
```

car/truck mount

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Mon, 19 Nov 2001 14:09:08 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [112225] Sorry about the double post!
Message-ID: <3BF98304.D8A17F3@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry! Computer operator problem on this end :^(
73, Eric
--
<http://www.elecraft.com>

Date: Mon, 19 Nov 2001 17:12:45 -0500
From: W2AGN <w2agn@pobox.com>
To: qrp-l@lehigh.edu
Subject: [112226] Another Great 6M day!
Message-ID: <01111917124509.31067@njbirdman>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

I had to go down to get my boat hauled for the winter, so knowing it is
always a "sit around and wait" deal, I put a 6M hamstick on the roof of the
little Rabbit.

Worked HC8N at about 1435Z followed right away by GI00TC. Good reports from
the mobile.

Not sure how much longer these openings will last, so if you have 6M gear,
get it on now!

--

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>

Date: Mon, 19 Nov 2001 17:15:37 -0500
From: Gregory R Breeden <al0a@juno.com>
To: qrp-l@Lehigh.EDU

Subject: [112227] Unsubscribe/Subscribe???
Message-ID: <20011119.171538.-288065.0.al0a@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Group,

Sorry for the question but I have lost the instructions for Unsubscribing and Subscribing (with a different email address). I am not leaving the group, just need to change the email address the list posts to. . Can anyone tell me how I am to do this?

Thanks

Greg Breeden, AL0A

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Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/web/>.

Date: Mon, 19 Nov 2001 15:36:11 -0500
From: Bob Kellogg <ae4ic@nr.infi.net>
To: na5n@rt66.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [112228] Re: IRF510 vs. IRF511??
Message-ID: <3BF96D3B.973B6287@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul,

Another nice, informative dissertation. The reason I stay subscribed is every once in while someone will explain the guts of how something works in terms that even I can understand! :-)

"Paul Harden, NA5N" wrote:

> The IRF510's made in the U.S. are made by Motorola, Harris and
> International-Rectifier Corp. (I-R). I-R makes the "dies" for ALL of
> the IRF series, and these dies are then packaged by Motorola and

-----Snip-----

Thanks, Paul.

--

73,

Bob Kellogg, AE4IC, Greensboro, NC
Probably, not necessary. -Benny Hill

Date: Mon, 19 Nov 2001 16:17:25 -0600
From: "Dan Wanchic" <wa8vzq@cloudnet.com>
To: <qrp-l@lehigh.edu>
Subject: [112229] Coax connector soldering method - Long
Message-ID: <000001c17148\$17101b00\$19f2ddcc@agl.faa.gov>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To the group,

It is not uncommon for me to assemble 100 or more N type
coaxial connectors in a year in my job as an electronics tech
for the FAA.

We do some very precise cutting of coaxial cable to specific
electrical lengths. Poor soldering techniques can cause significant
changes in the electrical length. (Try cutting multiple lines within
a few 10ths of a degree length at VHF frequencies and then put
connectors on each end and have them be the same. It is quite
an art form ;-)) They can also introduce intermittent problems due
to phase shifts as the ambient temperature changes and we can
not afford either.

Here is a proven method we use to solder the pin connector
on N type connectors using Weller type soldering guns.

1. Remove the copper tip and the nuts from the soldering gun
and throw them away.
2. Carefully wedge the pin of the N connector between the
two posts of the soldering gun. (It can be a tight fit depending
upon the gun)
3. Place the pin onto the prepared center conductor.
4. When the trigger is squeezed, the current that would normally
flow through the copper tip now flows between the
two posts through the pin - the pin gets very hot, very quickly.
Now apply solder to the hole in the side of the pin.
5. Release the trigger and hold until properly cooled.

There are several advantages of this technique:

1. There is absolutely minimal chance of cold solder joints because the entire area between the tips gets uniformly hot. When using a gun or using an iron in the normal fashion, each side of the tip receives different amounts of heat.
2. There is minimal transfer of heat to anywhere else. i.e; the center conductor insulation does not melt and the center conductor stays exactly in the center.
3. There is no chance of solder contamination of the pin caused by the pin slipping around on the tip while being soldered.
4. You will rarely lose a pin by dropping it. It is held securely by the two tips of the soldering gun.
5. Because you are using less heat, nothing gets too hot to handle.

Now the good news - you can do the same for PL-259's - works great on the center pin. With a little practice, you can also do the shield by pressing the posts of the soldering gun against the PL-259 body. I usually put the connector on the workbench and press down with the posts straddling a solder hole and apply solder to the individual holes. You can also just solder the shield to the reducer in a similar fashion BEFORE screwing the reducer into the body of the connector.

I use a 100 watt soldering gun to assemble PL-259's using this method. All of my soldering guns have the conventional tips removed.

FWIW: Regarding whether to solder or not solder braid on PL-259's: In the 70's I worked in a two way radio shop and we installed a few hundred UHF Motorola Micor radios in police cars. The high gain antennas used a small diameter hardline coaxial cable. The manufacturer stated to NOT solder the shield of the hardline to the reducer. They recommended the outer shield be split and then folded back onto the reducer. They were relying on the mechanical connection between the shield and the reducer.

After a few months, we began to see several returns with intermittent keying problems. I found that the Micor radio's reverse power detector was intermittently seeing the mechanical connection between the shield and the reducer as a open & it would shut the radio down.

Each offending connector was disassembled, the shield was cut clean with a tubing cutter and then carefully soldered to the reducer. The reducer was not soldered to the shell but I did make sure that it was screwed in as tight as possible. This solved all of those types of problems.

Regards,

Dan

St. Cloud, MN

-- -- -- -- -- -- -- WA8VZQ -- Since 1967 -- -- -- -- -- -- --
Federal Aviation Administration -- -- Electronics Technician
ex-Nuclear Emergency Search Team (NEST) 1977 - 1981
-- -- -- NEST Three Mile Island Response Team -- -- --
-- -- ex-HFer @ ACA-15, WAR-46, KAL-24, KZ5VZ -- -- -- --

Date: Mon, 19 Nov 2001 14:32:01 -0800 (PST)
From: Rod =>ISO-8859-1?Q?"N=D8RC"?= <n0rc@yahoo.com>
To: al0a@juno.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [112230] Re: Unsubscribe/Subscribe???
Message-ID: <20011119223201.58475.qmail@web20503.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The info you want can be found on the FAQ at:

<http://www.radioactivehams.com/~n0rc/qrp/faq.html>

73. Rod N0RC

--- Gregory R Breeden <al0a@juno.com> wrote:
> Group,
>
> Sorry for the question but I have lost the instructions for
> Unsubscribing
> and Subscribing (with a different email address). I am not leaving
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> group, just need to change the email address the list posts to. .
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>
> Thanks
>
> Greg Breeden, AL0A
>

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> <http://dl.www.juno.com/get/web/>.

=====

73, Rod NORC
Fort Collins, CO

Do You Yahoo!?
Find the one for you at Yahoo! Personals
<http://personals.yahoo.com>

Date: Mon, 19 Nov 2001 16:28:37 -0600
From: "Dan Wanchic" <wa8vzq@cloudnet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [112231] Coax connector soldering method - Long
Message-ID: <001801c17149\$bc888760\$43f1ddcc@agl.faa.gov>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To the group,

With all of the posts regarding soldering braid on coax
I thought this would be an appropriate post.

It is not uncommon for me to assemble 100 or more N type
coaxial connectors in a year in my job as an electronics tech
for the FAA.

We do some very precise cutting of coaxial cable to specific
electrical lengths. Poor soldering techniques can cause significant
changes in the electrical length. (Try cutting multiple lines within
a few 10ths of a degree length of each other at VHF frequencies
and then put connectors on each end and have them still be the
same electrical length. It can be quite an art form ;-)) They can
also introduce intermittent problems due to phase shifts as the
ambient temperature changes and we can not afford either.

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on N type connectors using Weller type soldering guns. The
usual disclaimers apply.

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and throw them away.
2. Carefully wedge the pin of the N connector between the

two posts of the soldering gun. (It can be a tight fit depending upon the gun)

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Regards,

Dan
St. Cloud, MN

-- -- -- -- -- WA8VZQ -- Since 1967 -- -- -- -- --
Federal Aviation Administration -- -- Electronics Technician
ex-Nuclear Emergency Search Team (NEST) 1977 - 1981
-- -- -- NEST Three Mile Island Response Team -- -- --
-- -- ex-HFer @ ACA-15, WAR-46, KAL-24, KZ5VZ -- -- -- --

Date: Mon, 19 Nov 2001 15:36:59 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [112232] FS 2 Variable Caps
Message-ID: <005301c1714a\$b3e7dc40\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

2 Johnson Variable Tuning Caps, pics & info at:

<http://www.radioactivehams.com/~n0rc/tc.html>

\$20 shipped CONUS

73, Rod N0RC
Ft Collins, CO

Date: Mon, 19 Nov 2001 14:39:17 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>

To: QRP-L <qrp-l@lehigh.edu>, GQRP <gqrp@egroups.com>
Subject: [112233] VP5 and WA3WSJ and a K2!
Message-ID: <3BF98A15.9D99B4BD@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

----- Original Message -----
Subject: [Elecraft] VP5 and WA3WSJ and a K2!
Date: Sun, 18 Nov 2001 12:21:03 -0500
From: breneiser <breneiser@talon.net>

Hi all:

I'll be operating my K2 on Provo Island in the Turks and Caicos Islands starting Thanksgiving night to the next Thursday. Outside the CQWWCW Contest I'll op as VP5/WA3WSJ. I'll operate cw and PSK31 so I hope to see many QRPers on my screen! Inside the contest, I'll operate cw as VP5ED again with my K2. If you need VP5 qrp, give me a call. Take a look at my web site for additional information. I'll update it today.
<http://www.qsl.net/wa3wsj>

72,
Ed, WA3WSJ

Date: Mon, 19 Nov 2001 22:58:16 -0000
From: "DeniGm3skn" <deni@gm3skn.fsnet.co.uk>
To: <wa8vzq@cloudnet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [112234] Re: Coax connector soldering method - Long
Message-ID: <009d01c1714d\$b3fff0c0\$9291193e@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Dan, for sharing your experience this is a brilliant assembly method. I too have assembled many many PL259 and N type connectors in my occupation and of course in my hobby but not to the stringent standards you describe. Thanks for your excellent idea and description it's a real gem!

73, Deni GM3SKN Shetland Islands UK EU 012 G-QRP 10774
K2 1188 Fists 2817 ARS 827 ARCI 10659

- - - -

Date: Mon, 19 Nov 2001 17:07:24 -0600
From: "Ham" <KD5NWA@mbayona.com>
To: <qrp-l@Lehigh.EDU>
Subject: [112235] Portable QRP Rig
Message-ID: <013301c1714e\$f4e8f4a0\$373d010a@a000>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello to everyone in the group, My name is Cecil Bayona and I am studying right now for my General license. I'm really interested in QRP work but I could use the groups help in making a decision, My son and I like to go camping and hiking a lot, so I'm looking to buy a portable rig that can run a long time on battery power. Right now I own a FT-817 and really like it a lot but it consumes a lot of power so it would require a lot of batteries for a several day camping trip. So, getting down to the topic at hand, I'm considering buying a new rig for use on long trips away from power, I really like (no experience just specs.) the K1 four band model from Elecraft. You guys and gals have experience with many kinds of equipment, what do think of this unit? Any suggestions on alternative units. Any help would be appreciated.

By the way if this post twice I apologize, I sent it to the group several times and it has not shown up.

Thanks

Cecil Bayona
KD5NWA

Date: Mon, 19 Nov 2001 15:11:38 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Cc: GQRP <gqrp@egroups.com>
Subject: [112236] Major QRP Dxpedition to Jamaica for CQWW CW
Message-ID: <3BF991AA.58C45DEC@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looks like we've talked some of the 'big gun' contesters to run QRP this year in the CQ WW CQ contest! Here's a copy of their email announcement. Looks like they will be listening for QRP'ers too.

73, Eric WA6HHQ

----- Original Message -----

Subject: Major K2 Dxpedition to Jamaica

Date: Fri, 2 Nov 2001 05:48:24 -0100

Work Jamaica QRP! The guys of "Team Vertical" will be leaving the amps and big rigs back home and going down to Jamaica with five Elecraft K2's. But don't let that fool you, as the gang will be using their world-class vertical antenna system by Force 12. QRP never sounded so loud!

QRP operations will be from November 20-26, 2001. The gang is specifically going down to Jamaica to be active in the CQ WW CW Contest on November 24-25, going for North American QRP single band records. They would really appreciate a contact during the contest.

Is it possible to operate a contest without caffeine? (not likely!) So Team Vertical is giving you a chance to win some world renowned Jamaican Blue Mountain Coffee! The fastest stations to work us during the CQ WW CW Contest will win the coffee. QRP and QRO stations compete for the same prizes, and a total of 25 bags of coffee will be awarded. Check out www.k2kw.com for details about the awards and operation.

Pre-contest QRP activity will be on 10-160m. There will be a dedicated 6m rig running high power. Outside the contest, operators will sign homecall/6Y5.

During the CQ WW CW contest, the following callsigns will be used for single band QRP efforts:

6Y1A on 10m; K2KW op
6Y9A on 15m; KE7X op
6Y2A on 20m; N6XG op
6Y4A on 40m; N6BT op
6Y8A on 80m; W0YK op
6Y0A on 160m; K2KW op

QRP Tactics: While our transmit signal may be a bit weaker than normal, we can easily hear your QRP signals with our high performance antennas! If you can hear us, we should be able to hear you. If you can't break the pileup after a few calls, try moving your transmit frequency slightly higher or lower to gain our attention. If the pileup is too big, try calling us again in a few minutes when it might be easier to get through. Good luck, and CU

on the bands!

QSL Information: QSL all QRP Jamaica DXpedition callsigns via WA4WTG.
Special "QRP Jamaica" QSLs will be printed.

WA4WTG will QSL all contacts made by this operation for: 6Y0A, 6Y1A, 6Y2A,
6Y4A, 6Y8A, 6Y9A, K2KW, N6BT, KE7X, N6XG, W0YK.

For additional information, go to <http://www.k2kw.com>.
73, Kenny K2KW

Date: Mon, 19 Nov 2001 22:35:53 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-1@lehigh.edu
Subject: [112237] DX
Message-ID: <5.1.0.14.0.20011119223306.02f55120@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

With the discussion of QRP DXCC keep in mind that this is a good week to be
hunting the bands for some good DX. One of the big DX contests is this
weekend and the guys will be out this week testing their equipment and
rigs. So you should be able to nab some good new ones.

73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Mon, 19 Nov 2001 17:19:37 -0600
From: "George, W5YR" <w5yr@att.net>
To: brad.mugleston@gwl.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [112238] Re: Chile E-mail: remacph@entelchile.net QTH: S.
Message-ID: <3BF99389.49F72D84@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brad, you have answered you own question: you do not know for sure what it
is.

In such cases, NEVER open an attachment.

BTW, the Nimda virus comes in an email without an attachment. It is

activated if you only OPEN and READ the email. You must use a virus checker that checks each incoming email not only for attachments but also within the email text in order to keep this one out.

Even if your checker catches it and you delete it, your ISP email server has an indication that the download did not complete so it immediately starts downloading the same email again. This will continue until either you or the server times out first. I downloaded about 60 before I finally figured out what was going on. I at first thought that I had been blasted with a dozen or so of these and that I would have to work through the stack. Not so . . .

This solution is to get into the server somehow and see a list of subjects, etc. and then to delete the email at that level without ever opening it on your system.

This is a mean one guys. I got on Symantec and got their file for removing the virus from a system since I use Norton Anti-Virus. Better get one and have it handy since Nimda is going everywhere.

Obligatory QRP connection: I was off the air for several hours fritzing with this thing and besides that I could not read QRP-L postings! <:}

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Mugleston, Brad" wrote:

>
> I got the following email today - it has a DOS executable attached -
> possible virus?
>
> Don't remember working this guy but it is possible..
>
> Any ideas? is this a virus?

Date: Mon, 19 Nov 2001 15:35:36 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [112239] Re: My ears
Message-ID: <20011119153536.A2741@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Mon, Nov 19, 2001 at 03:08:49PM -0700, Karl F. Larsen wrote:

>

> My ears are playing tricks on me vk7n = hc7n...also he is about 40 wpm. I
> need Ecquador anyway.

>

Probably your ears are still playing tricks. HC8N (Galapagos) has been quite active over the past few days.

The last I heard regarding Dulcie was that they were very near the island, but were experiencing bad weather.

Bob

--

Bob Nielsen, N7XY

nielsen@oz.net

Bainbridge Island, WA

<http://www.oz.net/~nielsen>

IOTA NA-065, USI WA-028S

Date: Mon, 19 Nov 2001 16:37:09 -0700

From: "Mugleston, Brad" <brad.mugleston@gwl.com>

To: "George, W5YR" <w5yr@att.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [112240] RE: Chile E-mail: remacph@entelchile.net QTH: S.

Message-ID: <F9645092A142D3118CBD00805F15292E17A23280@eb-mail1.gwl.com>

MIME-Version: 1.0

Content-Type: text/plain

I deleted it but it was strange - I've got the latest McAfee and it did not detect it. I did reply to the from address and have exchanged some emails from a ham in Chile. He didn't send the email.

Strange that it's a HAM related virus. He doesn't do much radio now adays but the email specifically said PSK31 and QSO and RST in the body.

It looked like a QSL card being delivered via email so BE CAREFUL.

Brad

Date: Mon, 19 Nov 2001 15:57:07 -0800

From: "N7SG K7FD" <k7fd@hotmail.com>

To: qrp-1@Lehigh.EDU

Subject: [112241] Re: My ears

Message-ID: <F1678Rf0xpb74uEeTto0001a162@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Dulcie? I thought it was Ducie...

...in any event, the pileup is bound to be a Doozie!

73 John K7FD

>From: Bob Nielsen <nielsen@oz.net>

>Probably your ears are still playing tricks. HC8N (Galapagos) has been
>quite active over the past few days.

>

>The last I heard regarding Dulcie was that they were very near the
>island, but were experiencing bad weather.

>

>Bob

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End of QRP-L Digest 2378

